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1939

# Pudor's ANNUAL

## Prize Winners Indeed!

★

Grosse Ile, Michigan,  
September 4, 1938.

I have been growing Delphiniums from your best seed for several years and my flowers have been the envy of all my neighbors, and with one exception have taken blue ribbons in every show entered.

C. H. K.

★

St. Paul, Minnesota,  
June 27, 1938.

I sent an order to you for Delphinium seeds last year and since some of the flowers have opened and they are so gorgeous that I want to plant more of your strain. I grow three different strains and today one of my customers called me up and told me that all his delphiniums that he bought from me were in bloom and he said PUDOR'S ARE FAR THE BEST OF THEM ALL. (They were from your pedigreed strain.)

CLEARY'S GARDENS.

★

Sault Ste. Marie, Mich.,  
July 25, 1938.

I have had the most marvelous show on, in the way of a Delphinium hedge  $\frac{1}{2}$  block long—all yours. I grew from seed, whites, lavenders, blues; some eight feet, all six feet in height. Every one stands and exclaims, "How gorgeous."

MRS. A. M. A.

★

Davenport, Iowa,  
July 6, 1938.

Gentlemen:

Just a line to express my appreciation of the beautiful delphiniums received from you last spring. I have been raising delphiniums over 30 years and never had more beautiful colorings. They were all double excepting a large indigo blue one, which, I think, I like best of all.

Yours very truly,

G. W. JONES.

PLANTS

SEEDS

BULBS

Specializing in ~  
DELPHINIUMS  
JAPANESE IRIS  
BEARDED IRIS  
BULBOUS IRIS  
TIGRIDIAS  
LUPINS  
CHOICE FLOWER SEEDS

## PUDOR'S INC.

PUYALLUP, WASHINGTON STATE

U.S.A.





**LONG-SPURRED AQUILEGIA "CRIMSON STAR"**

See pages 1 and 14 for description and prices, both seeds and plants.



**NIEREMBERGIA var. HIPPOMANICA**

(Dwarf Cup Flower)

Half hardy perennial, hundreds of flowers in bloom at a time throughout the summer of a lovely lavender-blue shade; an ideal edging or border plant, not over 5 or 6 inches tall; an ideal plant for the rockery, window box or in flower pots. Seeds in two sized packages, 25c & 40c. (Seeds are very small.)



**ASTILBE (Spirea)**

"Pink Pearl". See page 14

### **RUSSELL LUPINS — The 1938 Sensation**

Fresh seeds from our magnificent collection of carefully grown and selected plants grown by us last year from MR. RUSSELL'S GENUINE BEST SEEDS. A good seed crop enables us to offer this seed to our customers at one-half the price of the imported seeds, and equally good. We also offer small seedling plants grown from RUSSELL'S GENUINE ORIGINAL SEEDS. For prices see pages 5 and 16.



**RUSSELL LUPINS**



**PERENNIAL SCABIOSA CAUCASICA**

A joy forever. Blooms early and late all summer and fall long and is an ideal cut flower. Both seeds and plants—see pages 6 and 17.



## SECTION 1

# Perennial Flower Seeds

(Arranged Alphabetically)

## ALL FLOWER SEEDS SENT POSTPAID

## PLEASE DO NOTE!

As only such seeds as germinate well in our own establishment are supplied to customers, we will not and cannot accept responsibility for failure in the hands of others whose management, lack of equipment or lack of knowledge, may unconsciously be the cause of non-success.

## ANCHUSA

Family: Boraginaceae. Ordinary soil.

**ITALICA DROPMORE.** Lovely gentian blue flowers. Fine for the border. 4 ft. Per pkt. 15c.

**OPAL.** A pale, beautiful shade of blue. 4 ft. Per pkt. 15c.

**MYOSOTIDIFLORA.** Siberian forget-me-not Anchusa. Blooms in April and May. 15 in. Per pkt. 25c.

## ALTHAEA

See Hollyhock.

## ALYSSUM

Family: Cruciferae. Light soil.

**SAXATILE COMPACTUM.** Yellow in clusters; early. 1 ft. Per pkt. 10c; 3 pkts. 25c; 1/8 oz. 30c.

**CITRINUM.** Charming, masses of lemon-yellow flowers. Dwarf compact habit. Good for edging and rockery. 6 in. Per pkt. 20c.

**SERPILLIFOLIUM.** Smallest and loveliest of the Alyssum. Gray foliage and lemon-yellow flowers. 6 in. Per pkt. 25c.

## ANTIRRHINUM (SNAPDRAGON)

New Rust Proof Varieties

Class 1. MAJUS GRANDIFLORUM, 2½ Ft.

**BUTTERCUP.** Canary yellow, rust proof.

**PINK SHADES.** Rose pink to dainty pale-pink. Rust proof.

**SCARLET.** Rust proof.

**MIXED MAJUS.** Per pkt. 10c, 3 for 25c.

Class 2. A. MAXIMUM, 3¾ Ft.

In habit these are taller than the class 1 (Majus) and the individual flowers are much larger.

**CANARY BIRD.** Canary yellow, rust proof.

**COPPER SHADES.** Copper orange to old gold, rust proof.

**CRIMSON.** Fiery crimson, rust proof.

**LOVELINESS.** Soft rose pink, rust proof.

**PINK SHADES.** Rose-pink to pale pink, rust proof.

**MAXIMUM MIXED.** Per pkt. 10c, 3 for 25c.

Class 3. A. NANUM GDFL., 1½ Ft., Dwarf

**CARMINE ROSE.** Bright carmine rose, rust proof.

**GLOWING SUNSET.** Rosy scarlet, rust proof.

**INDIAN GIRL.** Beautiful old gold, rust proof.

**RED BOY.** Rich deep scarlet, rust proof.

**NANUM GDFL. MIXED.** All varieties rust proof. Per pkt. 10c, 3 for 25c.

## ANTIRRHINUM UNIVERSITY OF CALIFORNIA MIXTURE

An excellent mixture of RUST PROOF snapdragon similar to the Majus Grandfl. type (class 1) containing a wonderful range of all popular colors. Winner of Certificate of Honor in the 1935 All-American Selections. Per pkt. 10c, 3 for 25c.

ANTIRRHINUM NANUM MALMAISON, 1½ Ft.

The most beautiful snapdragon ever placed on the market. The color, a pure silvery pink, is given a pastel tone by the contrasting dark foliage. The habit is ideal, the plant strong stemmed, and the beautiful formed flowers are of great size and well placed on the stem. 2 packs 25c, per pkt. 15c.

## AQUILEGIA (Columbine)

Family: Ranunculaceae. Good garden soil; shade or half sun.

**DOBBIE'S IMPERIAL HYBRIDS.** Flowers in many new and delicate shades with extra long spurs. 2½ ft. 1/8 oz. 90c; 1/16 oz. 50c; per pkt. 15c; 2 pkts. 25c.

**MRS. SCOTT ELLIOTT'S LONG SPURRED HYBRIDS.** A very popular strain; 2½ ft. Pkt. 15c, 2 for 25c; 1/16 oz. 40c; 1/8 oz. 75c.

**CAERULEA.** The true Rocky Mountain Wildling. Beautiful azure blue and white cup; very long spurs. Likes lots of moisture and shade. 2½ ft. 1/16 oz. 75c; per pkt. 20c.

**PEARSON'S PINK SHADES.** A true strain of coral-pink shades; extra long spurs. 2½ ft. 1/16 oz. 50c; per pkt. 15c, 2 for 25c.

**CRIMSON STAR.** Long spurred, large blooms with sepals and spurs of deep blood-crimson and white petals. Very fine English novelty. Per pkt. 20c; 1/16 oz. 65c.

**SNOW QUEEN.** A tall long spurred pure white variety. 2½ ft. Per pkt. 15c, 2 for 25c; 1/16 oz. 50c.

**BLUE KING.** Vivid deep blue large flowers with extra long spurs. Comes about 90% true. Per pkt. 25c; 1/16 oz. 70c.

**YELLOW SHADES.** Per pkt. 15c, 2 for 25c; 1/16 oz. 50c.

## AUBRETIA or ROCK CRESS

Family: Cruciferae. Light soil.

**HYBRIDA GRANDIFLORA.** Large flowering hybrids of many shades. Trailing. Per pkt. 15c; 2 pkts. 25c.

## CAMPANULA (Bellflowers)

Ordinary garden soil.

**CARPATICA.** The lovely blue Carpathian Harebell. Good for rockery. 1 ft. Per pkt. 15c; 2 pkts. 25c.

**CARPATICA ALBA.** The white form of the above. 1 ft. Per pkt. 15c; 2 pkts. 25c.

**PERSICIFOLIA "FAIRY QUEEN".** The lovely peach-leaved bellflower. Azure blue; 3 ft. Per pkt. 15c; 2 pkts. 25c.

**PERSICIFOLIA "TELHAM BEAUTY".** The largest bells of China blue. 3 ft. Per pkt. 20c.

**PERSICIFOLIA GRANDIFLORA ALBA.** Largest white flowers. 3 ft. Per pkt. 15c.

**ROTUNDIFOLIA.** The lovely harebell of Scotland. Pale blue, slender and graceful. 1 ft. Per pkt. 15c.

**ROTUNDIFOLIA VAR. "OLMPICA".** This delightful Harebell is of a beautiful deep lavender blue, borne on a plant of compact habit about 8 inches high, a hardy perennial plant, blooms in June and continues till August. Easy from seeds. Choice for the rockery or the border. 1 ft. Per pkt. 20c.

**CANTERBURY BELLS PUDOR'S PRIZE MIXTURE.** Comprising all colors of single and double and cup and saucer. Unsurpassed. Canterbury Bells are bi-annuals and to have those handsome stalks loaded with big bells you MUST sow the seed in July or August at the latest, and grow large plants before winter comes. They will bloom the next summer. The plants then die and you will have to raise new plants. Spring sown seed will give you blooming plants the same summer but the plants will develop only small blossom stalks. Seed, per pkt. in mixture, 10c; 1/16 oz. 25c.

## CANDYTUFT

See Iberis.

## CARNATIONS

**DOUBLE PERPETUAL CHABAUD.** Beautiful fully double flowers of best quality, deliciously scented, as large as greenhouse carnations. Bloom abundantly within 4 to 6 months. 1½ ft.

**LEGION OF HONOR.** Color Chinese red.

**PINK BEAUTY.**

**RUBY.** Deep crimson.

**SCARLET FIREFLY.** (Pres. McKinley.)

**YELLOW PURE.** (Marie Chabaud) Very fine clear color.

**WHITE.** (Jeanne Dionis.)

Seed of any of the above, per pkt. 25c, 1/16 oz. 75c.

Also IN MIXTURE from finest double flowers; highest quality to be had.



These wild ROCKY MOUNTAIN COLUMBINES are grown under irrigation in a valley 9000 feet high near Colorado Springs, miles away from possible cross pollination, assuring absolutely pure true seedlings from this loveliest of all long spurred columbines.

Seeds from plants grown in nurseries close to other garden species can not and will not come true to this native species. Our seeds come from the above pictured plants.



**CHEIRANTHUS**

Family: Cruciferae. Mixed garden soil.

**ALLIONII** (Siberian Wallflower). Rich orange flowers, continuous flowering sweetly scented. Sows itself. 1½ ft. Per pkt. 10c; 3 pkts. 25c.**GOLDEN BEDDER** (New). A lovely shade of golden yellow, 1 foot high. Per pkt. 10c; ¼ oz. 25c.**CISTUS or ROCK ROSES**

See Helianthemum.

**COREOPSIS**

Family: Compositae. Ordinary soil.

**GRANDIFLORA AURICULATA SUPERBA**. Fine novelty. Large yellow flowers with a dark red blotch in center. Award of Merit Royal Horticultural Society. 3 ft. ¼ oz. 60c; ½ oz. 35c; pkt. 15c.**DOUBLE SUNBURST** (New). Golden yellow, fully double. Per pkt. 15c, 2 for 25c.**CYNOGLOSSUM****C. NERVOSUM**. A very fine novelty. One of the true blue perennials. Award of Merit Royal Hort. Society. Like a miniature anemone, 12 to 18 in. height with handsome brilliant blue flowers in great profusion. Per pkt. 25c; 1/16 oz. 70c. Easy from seeds.

# Delphinium Seed Section

**PUDOR'S "PRIZE WINNER" DELPHINIUM**

SEEDS FROM PRIZE WINNER STRAIN, only in best mixture from CHOICEST SELECTED plants: Per pkt. of approx. 200 seeds, \$1.00; also put up in ½ pkts. at 60c; 1/16 oz. (3 times as much as a whole pkt.) \$2.50.

FROM A GENERAL FIELD RUN OF OUR PRIZE WINNER STRAIN. A very good mixture; we destroy all mediocre plants every summer. Per pkt. of approx. 200 seeds, 50c. Not put up in ½ pkts. You will get many beauties from this low priced mixture, mostly double, in light and dark shades.

**OUR "PEDIGREED" PRIZE WINNER STRAIN**Carefully selected and pollenized. Marvelous results may be expected. The choicest Delphinium seed you can possibly obtain. Per pkt. of 200 seeds, \$2; one-half pkt. \$1. Not sold in less quantities. **WATKINS SAMUEL'S WREXHAM STRAIN**. In choicest mixture from very best selected hybrids. Per pkt. 50c.**BLACKMORE & LANGDON HOME GROWN**. Seed from their finest novelties, grown by us. Gorgeous shades of blue and deep rich purples. The plants grow very tall. Per pkt. (approx. 200 seeds not counted) 75c; 1/16 oz. (3 times as much) \$1.75.**CALIFORNIA PACIFIC GIANT STRAIN DELPHINIUMS**. Plants grow up to 6 ft. tall; are said to be mildew-resistant, and the individual flowers are very large and beautiful. Per pkt. 50c; 1/16 oz. \$1.50. Extra fine hand pollinated mixed, per pkt. \$2.00.A FLOWER OF PUDOR'S "PRIZE WINNER", "DREAM"  
Life size.**TRUE BLUE DELPHINIUMS**

There has been of recent years some complaint from lovers of Delphiniums to the effect that growers are getting away from BLUE, and that BLUE is the only color required in Delphiniums.

Admitting that during the past few years there has been a predominance of mauve, lavender and purple shades in double flowers especially, greatly admired by many gardeners, we have not lost sight of the true blue Delphiniums which are mostly found among the singles, a double all-blue Delphinium without a fleck of mauve or lavender being a rarity, and with that in mind, we have made up a seed mixture from single and semi-double and fully double.

**ALL SELF BLUE AND SKY BLUE VARIETIES**

—with mostly small white eyes, a few with black eyes. From this mixture you should get a large percentage of TRUE BLUE DELPHINIUMS. Seed, per pkt. 75c; ½ size 40c; 1/16 oz. \$1.90.

**SOMETHING INTERESTING TO PLAY WITH****Seed from Our Beautiful Fully Double Blues and Violets****GRANDPARENT WAS A DOUBLE WHITE; THE PARENT PLANT A "MOTHER OF PEARL" COLOR**. This strain is known as our famous 55/66.The size and color of the blossoms are extraordinary—some of the finest things we have ever raised and we have certainly grown some very fine delphiniums, our own strain and all of the best English named varieties. Many individual blooms are over 3 inches in diameter, some are fluted some frilled, some are aster-shaped, many hooded, many had beautiful prominent brown and black bees and all are remarkably sturdy and healthy specimens, free from mildew. You will be thrilled with the seedlings which you will raise from these seeds. If sown by May first and well taken care of, transplanted as soon as big enough to handle they will bloom in September and October. **ASK FOR SEED FROM THE BLUE 55/66 SEEDLINGS**. You might also get a few very beautiful WHITES from this seed.

Per pkt. of 200 seeds, \$1.50; ½ pkt. 75c; 1/16 oz. (3 times as much as a full pack) \$3.00.

**NOTICE**. Seedlings you will raise from any of the above Delphinium Hybrids will almost certainly vary. Some should equal the parents (they could hardly excel them) and none are likely to be poor.

1/16 oz. of Delphinium seed contains over 3 times as many seeds as one whole pack; approximately 700 seeds. Whole packs contain fully 200 seeds (not counted); ½ pack over 100 seeds. Half packs are only available where so quoted.

If you are a careful gardener your delphinium seeds should germinate 70% in the Spring months up to May 1st; soaking the seed in water for 12 hours right before planting will hasten germination, which will require 2 to 3 weeks in the spring.

**DON'T BE DISCOURAGED! DON'T GIVE UP!****If BLACK ROT or ROOT ROT kills your Tall Delphinium Hybrids—  
IF YOU LIVE IN TOO WARM A COUNTRY so Your Plants Die  
Annually — THEN GROW THE BEAUTIFUL BELLA  
DONNA DELPHINIUMS AND SUCCEED!**

You want the beautiful blues in your garden, you want a graceful bushy plant that will provide you with lovely graceful cutting material for your house throughout the summer, plants that will live and thrive and are not too finicky, not growing out of bounds 6 to 8 feet tall, at the mercy of every windstorm, then, dear friend, grow the modern, beautiful BELLA DONNA HYBRIDS and don't turn them down.

They ALWAYS come true to color, both from seeds and seedlings, ALWAYS that HEAVENLY BLUE AZURE color, or a rich cobalt blue, without any other blue or mauve shades. A real "Delphinium Blue". Easy to grow from seeds (never any failure) and easy to take care of in your garden afterwards. We offer seeds of the following sterling varieties:

**CLIVEDEN BEAUTY & FANNY STORMONTH** in mixture (there is no difference in them as we see it). A beautiful light azure blue, large flower and strong growers up to 4 and 5 feet. Per pkt. 15c; 2 for 25c; 1/16 oz. 40c.**BELLAMOSUM IMPROVED**. Large deep blue flowers uniform in color with a white eye. Blooms 2½ inches across. The result of ten years of careful selection. ⅛ oz. 80c; 1/16 oz. 45c; per pkt. 15c.**\*BELLA DONNA PUDOR'S "SAPPHIRE"**. A beautiful seedling which appeared some three years ago among a large planting of "Cliveden Beauty". It is darker than the azure blue of Cliveden Beauty, yet lighter than the cobalt blue of Bellamosum or Formosum. A beautiful brilliant clear sapphire-blue, so much desired in a delphinium. It comes about 90% true to color, about 10% being of a lighter shade. Per pkt. of about 100 seeds (not counted) 25c; 1/16 oz. 75c; ½ oz. \$1.25.



# Pudor's Double White Wonder Delphinium Strain

THESE WHITE HYBRIDS grow 6 to 8 feet tall, they are vigorous, strong growers, mildew proof and the color is a pure glistening white. Some bees (flower center) are pure white, some brown and some black, a few velvety coal black; these latter are very rare and it is merely a matter of chance if one gets them. It is well to keep in mind that these bees do not breed true from the mother plants; indeed the plants themselves do not breed true to the white color; one must always expect a certain percentage of blues from the white seeds. Some white plants will produce a larger percentage of true whites than others—we are trying to single these out, but it is a big job. We believe that in the not distant future we will be able to breed pure white double delphiniums the seeds from which will produce 95 to 99 per cent true whites.

We have a number of very fine double whites that have been selected for their true breeding for two generations and we believe that the new seed crop from these the coming July will produce 95 to 99 per cent WHITE plants.

**SEEDS FIRST GRADE.** Per pkt. of approximately 200 seeds (not counted) \$2.00; 1/2 pkt, approximately 100 seeds, \$1.00; 1/16 oz. (3 times as much as a full pkt.) \$5.00.

**SEEDS SECOND GRADE.** From very excellent pure double white plants. Per pkt. \$1.00; 1/2 pkt. 60c.

**IMPORTANT NOTICE:** Do not expect to raise 100% white plants from these seeds as explained above.

**NO MORE SEEDS WILL BE SOLD FROM OUR ORIGINAL "WHITE WONDER" PLANTS.** Reason: low germination of seeds and this variety produces too many blues. We have raised some very fine whites from this seed, and so have many customers, but on the other hand there have been many complaints.

You will raise just as fine and even finer white specimens from our FIRST GRADE WHITE than from the WHITE WONDER. Indeed, we have now quite a number of white varieties—hybrids raised from the WHITE WONDER SEED—that are better and larger than the original mother plant.

**BLACK VELVETY-EYED WHITE DELPHINIUMS.** The percentage of true seedlings with black eyes is so small, it might be even nil from a small package, that we have decided to withdraw the sale of the seed from such plants. You are just as apt to get some black-eyed Whites from the FIRST GRADE WHITE. All the seed from our black-eyed Whites will from now on until further notice, go into the best white seed mixture.

**NOTICE.** Seedlings you will raise from any of the above Delphinium Hybrids will almost certainly vary. Some should equal the parents (they could hardly excel them) and none are likely to be poor.

1/16 oz. of Delphinium seed contains over three times as many seeds as one whole pack; approximately 700 seeds. Whole packs contain fully 200 seeds (not counted); 1/2 pack over 100 seeds. Half packs are not available where so quoted.

If you are a careful gardener your Delphinium seeds should germinate 70% in the spring months up to May 1st; soaking the seed in water for 12 hours right before planting will hasten germination, which will require 2 to 3 weeks in the spring.

Every season we sow outside, as late as May, large quantities of this same seed that you buy in the spring for growing our seedlings that we sell you in the fall. If we should have as poor germination (or none) as some inexperienced customers report to us, we could not stay in the business of selling seedlings so cheaply as we do. We get almost the same high germination in the spring as we do in August from fresh seeds with this difference: in the late summer it will take the seed only 10 to 12 days to germinate, while in the late spring, it might take 2 to 3 weeks outside, depending upon the weather.

It is nonsense that some people say you can't grow delphiniums in the spring from last summer's seed crop. In March our seed is only about 6 months old. We have had splendid germination from seed 2 to 3 years old, but the storage, of course was perfect. Of course we never sell such old seed, so please don't intimate, if you had bad luck with your seed, that we sent you seed 2 or 3 years old.

Belmont, Idaho, Sept. 27, 1937.

Gentlemen: I wish you could have seen the delphinium blooms and plants that I raised from your white seed. They were glorious, blooms that a silver dollar wouldn't begin to cover, and glistening pure white like they were covered with frost. There were two wonderful blue plants among them, too.

MRS. I. H. S.



PUDOR'S ORIGINAL "WHITE WONDER" DELPHINIUM  
Pure white, actual size 3 inches.  
This is the parent of our present "Double White Wonder"  
Delphinium Strain.



PUDOR'S BLACK-VELVET-EYED WHITE DELPHINIUM  
(Do not breed true as yet.)



**DELPHINIUM SINENSE GRANDIFLORUM**

Best treated as an annual. Dwarf, valuable for edging and the rockery.

**TOM THUMB BLUE GEM.** Large deep blue flowers. Fine bedder, H. one foot. Per pkt. 10c, 3 for 25c;  $\frac{1}{8}$  oz. 35c.

**CAMBRIDGE BLUE.** New. Rich clear azure blue; H. 2 feet. Per pkt. 15c, 2 for 25c;  $\frac{1}{8}$  oz. 50c.

Independence, Ohio.

I bought 3 dozen seedlings from your white plants, and 3 dozen of your Black-Velvet-Eyed seedlings and right now they are marvels of beauty. One white has individual florets 3 inches in diameter and looks like White Wonder as pictured in your catalog, with this exception, it has a nice golden brown bee. There are several lovely Black-Velvet-Eyed whites, a large white single and a large double white which has the inner petals (next to the bee) edged with a narrow border of black. There are also many other outstanding whites and in the 6 dozen plants all are white except four and these are double and such beauties, I would not sell them for \$1.00 each. According to another price list I have on white delphinium plants I have plants that are worth many dollars, and to think the 6 dozen cost only \$5.25. Black-Velvet-Eyed whites are marked at \$12.00 per plant.

The Diener's Giant Shasta Daisies are very beautiful also.

W. R. T.

**DIANTHUS**

Dianthus, with its many unusual and interesting varieties, should be used more in the rockery and border. They are easy from seed, and give a wealth of color and charm to the garden. Many bloom the first season, and all the second year.

**ALWOODI ALPINUS.** A splendid new hybrid of dwarf nature with many large doubles and fancy singles. Exquisite coloring for the rock garden. 6 inches. Per pkt. 25c.

**BARBATUS (Sweet William).** Finest mixture. 3 pkts. for 25c; per pkt. 10c.

**BARBATUS (Pink Beauty).** Beautiful shades from salmon pink to richest shades of salmon-red. 3 pkt. 25c; per pkt. 10c.

**BARBATUS (Scarlet Beauty).** Vivid salmon scarlet. 3 pkts. 25c; per pkt. 1c.

**DIANTHUS DELIGHT.** A free-flowering hybrid of neat habit only 9 inches high. There is a wide range of color. It is perfectly hardy and easy to grow from seeds blooming the same season if sown in good time. Per pkt. of about 50 seeds, 25c;  $\frac{1}{16}$  oz. 95c.

**WINTERI.** Striking new Pinks, deliciously scented, that are ideal for the rockery. Compact, glaucous foliage. Well formed flowers in a grand color combination. Quite hardy and will bloom first season. First Class Certificate by the Royal Horticultural Society. Pkt. 20c;  $\frac{1}{16}$  oz. 50c.

**DELTOIDES SUPERBUS (Major Stern's Variety).** An interesting and beautiful rock Pink with greyish foliage and countless masses of dainty little flowers, varying from pink to crimson. Pkt. 20c.

**DIGITALIS (Foxglove)**

Family: Scrophulariaceae. Ordinary soil; shade.

**CANARIENSIS.** Canary yellow. 4 ft. Per pkt. 25c.

**LITZ'S HYBRIDS.** Novelty, Salmon-pink shades. 4 ft.  $\frac{1}{16}$  oz. 35c; per pkt. 15c; 2 pkts. 25c.

**THE SHIRLEY.** Magnificent strain, enormous flowers from pure white to deepest rose. 5 ft. Mixed. Per pkt. 15c; 2 pkts. 25c.

**D. ALBA.** Pure white Foxglove; very beautiful. Per pkt. 10c; 3 pkts. 25c.

**FLAX**

See Linum.

**GEUM**

Family: Rosaceae. Ordinary soil.

**LADY STRATHEDEN.** Rich golden yellow double flowers. 2 ft. Per pkt. 15c, 2 for 25c.

**MRS. BRADSHAW.** Large semi-double orange-scarlet. 2 ft. Per pkt. 15c, 2 for 25c.

**G. PRINCE OF ORANGE.** A fine novelty; a striking shade of deep orange. The flowers are double and of extra large size. Height 18 inches. Per pkt. 20c;  $\frac{1}{16}$  oz. 50c.

**HELIANTHEMUM (Rock Rose)**

Finest mixture of these delightful, indispensable rock plants. Round evergreen cushions and thousands of little silky roses; pink, white, orange, yellow, red salmon, sulphur and old rose. True perennials, 6 to 12 inches high. Per pkt. 15c 2 for 25c.

**GYPSOPHILA**

Family: Caryophyllaceae. Ordinary soil with lime.

**PANICULATA FL. PL. "SNOW WHITE".** Easy to raise from seed, blooms the first year if sown early. Mostly double flowers. 3 ft.  $\frac{1}{16}$  oz. 50c; per pkt. 25c.

**PACIFICA.** A new pink Baby's Breath; 4 to 5 ft. Per pkt. 15c, 2 for 25c.

**OLDHAMIANA. NEW PINK HARDY BABY BREATH.** A perennial entirely hardy, with flowers in late summer of a soft pink color and marvelous keeping quality. A grand addition to perennial borders, excellent for cutting purposes. Per pkt. 25c;  $\frac{1}{8}$  oz. 45c. Easy from seeds.

**HOLLYHOCKS**

Family: Malvaceae. Rich loam.

**NEWPORT PINK.** Beautiful double pure pink flowers. 5 ft. Per pkt. 15c, 2 for 25c;  $\frac{1}{8}$  oz. 40c.

**DOUBLE YELLOW.** Clear yellow. H. 5 to 7 ft. Per pkt. 15c, 2 for 25c;  $\frac{1}{4}$  oz. 40c.

**TRIUMPH DOUBLE.** New early flowering strain containing a great variety of new colors. The flowers are gracefully waved and fringed. We think this a very fine hollyhock. Per pkt. 15c, 2 for 25c;  $\frac{1}{8}$  oz. 40c.

**ENGLISH PRIZE MIXTURE (Chater's strain-extra).** 5 ft.  $\frac{1}{4}$  oz. 40c; per pkt. 15c, 2 for 25c.

**IBERIS (Candytuft)**

Family: Cruciferae. Common soil.

**GIBALTARICA.** Flowers white tinged lilac. 1 ft. per pkt. 10c; 3 pkts. 25c;  $\frac{1}{4}$  oz. 35c.

**SEMPERVIRENS.** Pure white flowers, evergreen habit. A gem. 1 foot. Per pkt. 15c, 2 for 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 70c.

**IRIS, JAPANESE**

Rich, damp soil.

**KAEMPFER HYBRIDS.** Choicest mixed varieties.  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c; per pkt. 15c. Seed germinates slowly, but in time all will germinate. If sown in the late fall (seed is not ready until October) the seed will lie dormant all winter and come up strong in the spring; if sown in the early spring it might take the seeds from 4 to 6 weeks to come up. Seedlings will bloom the second year.

**LILIUM (Lily)**

**AURATUM PLATYPHYLLUM.** The Golden Banded Lily. The most glorious of all lilies. Easily grown from seeds; imported bulbs are often unsatisfactory and refuse to grow. Very fragrant ivory white flowers spotted yellow with yellow bands on each petal. Per pkt. 25c;  $\frac{1}{16}$  oz. 75c.

**REGALE.** Delicate white flushed pink. Easily grown from seed. 1 oz. \$1;  $\frac{1}{4}$  oz. 35c; per pkt. 15c, 2 for 25c.

**PHILIPPINENSE FORMOSANUM.** A grand Lily that is rapidly becoming popular as a garden variety and as a cut flower. Large trumpet-shaped flowers of pure white are gracefully carried on slender 2 to 3-foot stems. In the garden it makes a beautiful display during the summer. Easy from seed and blooms the second year from seed. Per pkt. 20c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.

**SPECIOSUM RUBRUM.** The well known, beautiful Speciosum Lily. Beautiful shade of light scarlet spotted with rich crimson. Per pkt. 20c;  $\frac{1}{16}$  oz. 60c.

**TENUIFOLIUM.** The Coral Lily. A pretty, dwarf, early blooming sort, carrying many waxen recurved flowers of most intense coral scarlet. Excellent material for rock garden planting and valuable likewise for bedding or clump planting in the hardy border. Forces well. A native of Siberia. Usually blooms in one year from seed. Per pkt. 15c;  $\frac{1}{8}$  oz. 35c.

**LINUM (Flax)**

Family: Linaceae. Good garden soil in the sun.

**SIBIRICUM.** Common blue flax. A lovely thing. 2 ft. Per pkt. 10c; 3 pkts. 25c.

**NARBONENSE.** Beautiful steel-blue glistening large flowers. 2 ft.  $\frac{1}{8}$  oz. 60c; per pkt. 25c.

**GRANDIFLORUM RUBRUM (Scarlet Flax)** is an Annual.

**LUPINUS (Lupin)**

Family: Leguminosae. Rich soil with lime.

**NEW MODERN ENGLISH NAMED VARIETIES** in art shades of amber, deep pink, orange, apricot, terra-cotta, ruby crimson, rosy-red. A magnificent collection. You have never seen anything like it. **HIGHEST AWARD OF MERIT** from the Royal Horticultural Society of England. **SEEDS IN FINEST MIXTURE** (not in separate colors). Per pkt. 35c;  $\frac{1}{4}$  oz. 60c;  $\frac{1}{2}$  oz. \$1.

**RUSSELL LUPIN.** Next page.



# Russell Lupins

## • The 1938 Sensation

**T**HIS new strain of perennial Lupins has, as is now widely known, caused a sensation in horticultural circles. Raised by Mr. G. Russell, of York, it is the most outstanding introduction for many years. Awarded the Royal Horticultural Society's Gold Medal, June 1937. The long, closely furnished spikes flower in a great variety of rich colors—deep yellows, oranges, reds and brilliant bi-colors never seen in Lupins before. The florets are large with flat fan-like back-standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development.

**NEW RUSSELL LUPINS (Seeds)** from our magnificent collection of **CAREFULLY GROWN** and **SELECTED PLANTS** grown by us **LAST YEAR** from Mr. Russell's **GENUINE BEST SEEDS**.

Growing Lupins and selling plants and seeds are no new experience for us; we have done this successfully for the last 15 years. We have now a magnificent collection of **GENUINE RUSSELL LUPINS** and are offering extra selected seeds from these at greatly reduced prices from last year and we know from our past experience with Lupins, that we will grow as fine and finer plants than the original. Our climate on the Pacific Coast and our rich alluvial soil in this valley containing quantities of volcanic ash from Mt. Rainer grow Lupins as they can be grown nowhere else.

"Germination" has always been good with our Lupin seeds; we have never been obliged to resort to "chipping" our seeds, as Mr. Russell advises. For a more even and quicker germination we do practice and advise soaking the seeds in luke warm water for 24 hours and then sowing the seed immediately. In sowing 2-year-old seeds it would be advisable to chip the seeds but we never sell seed that old.

From an indoor sowing in February or March you will have blooming plants in early July and hardly two will be alike and most of them will be two-toned or bi-colors.

For some reason Lupins will not thrive in all parts of the country, even not in the same county; if you fail in your garden with the modern Lupin hybrids your soil may lack the necessary bacteria. Find the cause of your failure and **DO NOT BLAME THE SEED NOR THE GROWER**. With us here Lupins thrive like weeds in our soil and where the drainage is perfect; in poorly drained, or wet soil they get sick, turn yellow and die and so do the small seedlings.

**PRICE OF RUSSELL LUPIN SEEDS GROWN BY PUDOR'S**—25 seeds, 25c; 50 seeds, 40c; 100 seeds, 70c; 1/8 oz. (approx. 150 seeds) 90c; 1/4 oz. (approx. 300 seeds) \$1.75; 1/2 oz. (approx. 600 seeds) \$3.50. Not more than 1/2 oz. sold to one customer. Full directions for handling and sowing the seeds and how to care for the seedlings, in each package.

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### IF YOU HAVE FAILED WITH LUPINS—

The reason probably has been the absence of nitrogen in your soil; Lupins belong to the family of Legumes and need nitrogen to form the nodules on their roots; even the small seedlings have them from the beginning. If they don't make the nodules, they will remain measly specimens and finally die. Therefore inoculate your seed before sowing with **NOD-O-GEN**, a pure culture of Nodule Bacteria. Ten cents' worth is sufficient for a pack of seeds. **For our customers' benefit and to save them trouble and expense, we inoculate all our Lupin seeds before we send them out. No guarantee of any sort is attached to this.** If you still fail with Lupins it is not our fault, nor the seeds or plants; we will not replace them and you will be the loser. **IT IS ONLY THE SEED** of Lupins that can be inoculated.

## MORNING GLORY

**SCARLETT O'HARA.** Gold Medal All-America Selections, 1939. Scarlett O'Hara is an entirely new color in this popular garden flower, rich dark wine red or deep rosy crimson. While the flowers are not quite as large as the Heavenly Blue Morning Glory, they are of good size, about 4 inches in diameter, freely produced on fast growing vines which start blooming within 65 days after seed is sown, and are very showy for covering a fence or trellis. The dark green foliage does not make a heavy growth, leaving the plants graceful in appearance. As few plants are easier to grow or give a more colorful and satisfying return for the care given them than the Morning Glories or Ipomoeas, Scarlett O'Hara will most certainly be a reigning favorite this season and for many years to come. In all sections except the Southern states, it is well to sow the seeds in a cool house and secure a growth of a foot or more in 3-inch pots and if the pots are then plunged outside, the plants will grow right on and flower successfully. **Per pack of 20 seeds, 15c; larger pack (about 40 seeds) 25c; 1/8 oz. 50c.** Seed supply very limited.

**CLARK'S EARLIEST HEAVENLY BLUE.** Most pleasing of all Morning Glories, this variety blooms a profusion of beautiful sky blue flowers 3 to 4 inches across. Vines 10 to 15 feet from seed sown in open ground after soil warms up, or may be started earlier in individual pots. This strain is extra early. **Pkt. 10c; 3 pkts. for 25c; 1/2 oz. 50c; 1 oz. 90c.**

## MYOSOTIS (Forget-me-not)

Family: Boraginaceae. Good moist soil.

**SUTTON'S ROYAL BLUE.** Rich dark blue on long stalks. 6 in.

**PALUSTRIS.** The pretty swamp Forget-me-not. Blooms all summer. 9 in.

**ALPESTRIS "MESSIDOR". "Blue Eyes".** A beautiful deep blue.

Any of the above varieties, 1/16 oz. 35c; 1/8 oz. 50c; 1/4 oz. 75c; per pkt. 15c.

**DISSITIFLORA GRANDIFLORA, "Perfection".** Fine sky-blue, early flowering. The best for groundwork among your spring bulbs. 6 in. **Per pkt. 25c; 1/16 oz. 75c; 1/8 oz. \$1.50.**

## NIEREMBERGIA HIPPOMANICA (Dwarf Cup Flower)

Of all the hundreds of new flower introductions which have come under our observation during the course of the past few years, none has caused so much comment as this little Dwarf Cup Flower, *Nierembergia Hippomanica*. With the possible exception of *Zinnia Linearis*, it will outbloom any flower we have growing. It starts flowering when the plants are only about 2 inches tall, that is about 15 weeks after the seed is sown, and keeps on right up until the heavy frosts of late fall. It is at all times neat and tidy looking, the young flowers coming and covering the older flowers and seed pods. The lovely lavender blue shade, heightened by a touch of yellow in the center, is most charming. Plants are definitely dwarf, compact, not over 5 or 6 inches tall, and with a spread of only 8 to 10 inches. Foliage is light gray green, very inconspicuous, and there are literally hundreds of flowers in bloom at a time throughout the summer. As an edging plant, for the border along a walk, or to outline beds of larger flowers, it has no equals, while for use in the rockery it is unexcelled and is extremely lovely in a window box or in flower pots. It is a half hardy perennial which will winter over if given some protection. In the southern warmer sections, no protection will be necessary. The plants should be cut back at the end of the season and will send out fresh growth in the early spring. **Seeds, per pkt. 25c; a large pkt. 40c; 1/16 oz. \$2.50.** (Seeds are very small.)

## PHYSALIS

Family: Solanaceae.

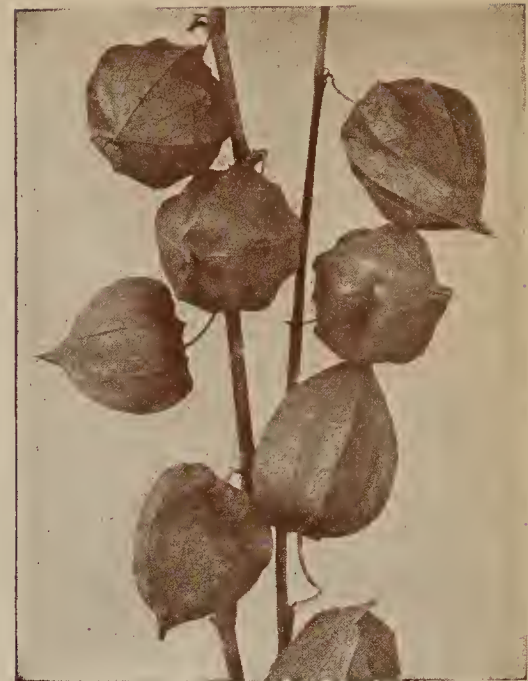
**FRANCHETI.** Decorative plant with fruits of orange-vermilion. 2 ft. **Per pkt. 10c, 3 for 25c; 1/4 oz. 35c; 1/2 oz. 50c.**

## PYRETHRUM (Painted or Persian Daisy)

Family: Compositae. Ordinary soil.

**ROSEUM FLORE PLENO.** From best double-flowered varieties in mixture. 2 ft. **Per pkt. 25c; 1/16 oz. 65c; 1/8 oz. \$1.25**

**ROSEUM HYBRIDS.** Finest mixed single varieties. 2 ft. 1/8 oz. 50c; per pkt. 15c, 2 for 25c.



JAPANESE LANTERNS

## PAPAVER (Poppy)

Family: Papaveraceae. Ordinary soil.

**ALPINUM.** Lovely dwarf rock plants in pink, white and yellow mixture. 6 in. **Per pkt. 25c.**

**ORIENTALE "Mrs. Perry".** Immense flowers of beautiful soft salmon-pink shades. Seeds which will give a beautiful range of pink shades, with some crimson rogues. **Per pkt. 15c, 2 for 25c.**

**ORIENTALE. "Queen Alexandra".** Bright rosy-salmon. Lovely. 3 ft. **Per pkt. 15c.**

**ORIENTALE "Perry's White".** Enormous white silky flowers with some rogues. **Per pkt. 20c; 1/16 oz. 95c.**

**ORIENTALE "Apricot Queen" (Mrs. John Harkness).** Large apricot with some rogues; very fine. **Per pkt. 15c, 2 for 25c.**

**ORIENTALE. "Rembrandt".** Magnificent orange-scarlet. Most gorgeous of all. 3 ft. **Per pkt. 15c.**

**ORIENTALE. "Excelsior Mixed".** A very fine mixture ranging from delicate salmon to deep crimson and many other shades not known heretofore. 3 ft. 1/16 oz. 25c; per pkt. 15c.

**NOTE!** Seedlings from ORIENTAL POPPY seeds will come only partly true to color.

**PAPAVER NUDICAULE "Fakenham Hybrid" (Iceland Poppy).** Variety from Thibet crossed with Sunbeam and Coonara. This poppy is quite distinct from other Icelanders. It is perpetual blooming and stands wind without blowing over. Many new shades of color, including pale lemon to deep yellow apricot. Pink shades and mauve tints, etc. Extra selected stock. **Per pkt. 15c; 1/16 oz. 35c.** All Iceland Poppies may be treated as annuals. They transplant well. Put them a foot apart—NOT CLOSER.

stronger than when we first grew this variety. **Per pkt. 15c, 2 for 25c; 1/16 oz. 35c.**

**ICELAND POPPY "GARTREF" STRAIN (Australia).** Original's seeds; huge flowers on long stems; beautiful range of colors; edges often ruffled. **Per pkt. 20c; 1/16 oz. 35c.**

## PERENNIAL SCABIOSA (Pincushion Flower)

**S. CAUCASICA (Isaac House's New Hybrids).** Hardy perennial; soft lavender blue and lilac shades, prized for cutting; 12 to 18 in. **Per pkt. 20c, 2 for 35c; 1/16 oz. 50c.** Avoid wet and heavy soil when planting these perennials, so useful for cutting purposes. Soil of a gritty nature suits them best, as excessive moisture at the roots is fatal. Use some lime.

If you don't grow this Scabiosa you are missing a mighty fine thing. Seed germinates readily. Plants bloom when only small seedlings. Very handsome flowers on long stems, blooming from early summer until frost time. A 2 or 3-year-old clump is a wondrous sight.

**WHITE SCABIOSA HYBRIDS.** Immense flowers of pure white to delicate cream—some blues will crop out; please, remember before complaining. **Per pkt. 20c.**



**SHASTA DAISY or MOONPENNY**

**DOUBLE SHASTA DAISY (Diener's Strain).** This distinctive novelty has become widely popular since its recent introduction. The shaggy, full double flowers of glistening white are a picture in the border, and make creditable cut flowers. It is hardy and a robust grower. It will show about 75% true doubles from seed. Pkt. 25c; 1/16 oz. \$1.25.

**MRS. C. LOWTHIAN BELL.** Purest white, 6 inches across on long stems, continues to bloom until October. 1/8 oz. 50c; per pkt. 15c.



DIENER'S NEW GIANT DOUBLE WHITE SHASTA DAISY

**SWEET ROCKET (Hesperis)**

The old-fashioned Dame's Violet. A hardy perennial, easily raised from seed, blooms the following spring in May with the Iris and Aquilegia. Height, 3 to 5 feet. Very fragrant. No garden should be without it. A lovely, graceful cut flower. If you sell cut flowers on Decoration Day, you will find the long, loose sprays a valuable acquisition.

**WHITE SWEET ROCKET.** Per pkt. 10c; 3 pkts. 25c; 1/4 oz. 35c.

**PUDOR'S PINK SWEET ROCKET.** After many years of selecting and re-selecting, we have succeeded in establishing a fine orchid pink variety in place of the old purple variety. 1/8 oz. 40c; pkt. 25c.

**THALICTRUM**

Family: Ranunculaceae. Ordinary garden soil.

**ADIANTIFOLIUM.** Elegant foliage resembling that of the Maidenhair Fern. Admirable for bouquets, as the leaves retain their form for a long time when cut. Hardy perennial. Height 18 inches. Per pkt. 15c.

**AQUILEGIFOLIUM.** Beautiful cut foliage; large branches of feathery flowers in pink or white; mixed. 3 ft. Per pkt. 15c.

**DIPTEROCARPUM.** Great beauty, lovely mauve flowers in large panicles; poor soil; 5 ft. Per pkt. 15c, 2 for 25c.

**TROLLIUS (Globe Flower)**

**LEDEBOURI "GOLDEN QUEEN".** A very fine novelty. Award of Merit, Royal Horticultural Society, London. We offer again seed of this beautiful hardy perennial plant. It is a valuable garden plant and continues in bloom from June till October; in fact, we cut flowers outside as late as November.

This variety is very vigorous; it grows quite three feet in height, but its chief value lies in the size of the flowers, which are four inches across; the rich golden color of the outer petals and the intense orange color of the smaller petals near the center of the flower intermix and blend beautifully with the yellow anthers. The plant is extremely floriferous and continues in flower for a long period; in fact, the constancy with which it blooms in autumn as well as early summer is very remarkable. It comes practically true to type from seed.

Most Trollius are rather uncertain to raise from seed when sown in the spring, but one of the great recommendations this introduction has is that the seed germinates freely when sown in the spring. We tested this point very fully by three successive sowings in March, April and May, when practically every seed germinated. Blooms same year if sown early. Seed, per pkt. 25c; 1/16 oz. 75c.

**VIOLAS, Large Flowered**

Family: Violaceae. Good garden loam. Not sandy, or hot.

**APRICOT.** A charming color; comes true from seed; extra fine. 6 in. Per pkt. 15c, 2 for 25c; 1/16 oz. 50c.

**ARKWRIGHT RUBY.** Very fine novelty. Rich ruby-red flowers. Per pkt. 20c, 3 for 50c; 1/16 oz. \$1.00.

**JERSEY JEWEL.** Deep violet color; large blossoms on long stems; excellent cut flower, lovely for corsages. Per pkt. 20c, 3 for 50c; 1/16 oz. 75c.

**YELLOW QUEEN.** A beautiful clear deep yellow. 6 in. Per pkt. 20c; 1/16 oz. \$1.00.

**MAGGIE MOTT.** The loveliest and largest of all the Violas. No seeds, only plants. See page 17.

**FINEST MIXTURE.** Above and other desirable colors (except Maggie Mott). Per pkt. 15c, 2 for 25c; 1/16 oz. 90c.

**ENGLISH WALLFLOWERS (Cheiranthus)**

Early flowering, from a sowing made at the proper time in the summer (June 1st to 15th).

**PHOENIX.** Early, rich chestnut brown or blood red.

**FIRE KING.** Brilliant orange.

**VULCAN.** Rich velvety-crimson.

**CHOICEST MIXED** from named varieties.

Any of the above, 1/8 oz. 25c; per pkt. 15c.

**DOUBLE VARIETIES.** Choicest tall double mixed. 1 16 oz. 75c; per pkt. 25c.

**ATTENTION SEED CUSTOMERS.** Two packages of DIFFERENT varieties or species of flower seeds, priced at 15c each, can not be supplied as 2 for 25c, as some people seem to think; they must be 15c EACH. Only 2 packs of ONE KIND are 25c, provided they are so priced in the catalog. Please order accordingly with the above rule.

And if you will please

Read this . . . .

PLEASE DO NOT SEND CHECKS UNDER \$1.00, UNLESS YOU ADD 10 CENTS EXCHANGE FEES.

ALASKA AND CANADIAN CUSTOMERS PLEASE NOTE

Owing to the higher postage rate to your country, prices of plants (postage paid) will have to be the same as EAST OF THE ROCKY MOUNTAINS.

Canadian customers have to obtain a permit from Ottawa, for all plants and bulbs, stating in your application the kind, number and value; not necessary for seeds. We cannot forward plants or bulbs until we receive this permit or the number.

No plant orders are solicited for less than one dollar, unless you add 25c extra for handling charges and postage.

**IMPORTANT NOTICE:** Owing to our mild Pacific Coast climate and our early springs, such early starting things as Delphiniums, Columbines and Lupines cannot be shipped away from here (except to nearby states) AFTER MARCH 15th. Please remember this. If your garden is still frozen up you can set the plants in a cold frame or cool greenhouse until the weather moderates.

IN LATE SEASONS WE CAN SEND PLANTS AS LATE AS APRIL 1st; SMALL SEEDLINGS EVEN LATER. IT ALL DEPENDS.

**READ THIS.** Do not send currency unless you have it registered. It is not safe and you might lose your order and your money. We are not responsible for the loss of your order and of your money and we can not and will not duplicate such unregistered orders containing currency lost in the mails or stolen.



## SECTION 2

# Annual Flower Seeds

**ATTENTION SEED CUSTOMERS.** Two packages of DIFFERENT varieties or species of flower seeds, priced at 15c each, can not be supplied as 2 for 25c, as some people seem to think; they must be 15c EACH. Only 2 packs of ONE KIND are 25c, provided they are so priced in the catalog. Please order accordingly with the above rule.

## BEST SOIL FOR FLOWER SEEDS

Our favorite medium is three parts loam, two parts leafmold, and one part sharp sand, adding peat for woodland subjects and more sand for those not in love with too much moisture. These preparations should suit almost anything. Fill the pan to within half-an-inch of the rim and press the soil very firmly.

## All Flower Seeds Sent Postpaid

### PLEASE DO NOTE!

As only such seeds as germinate well in our own establishment are supplied to customers, we will not and cannot accept responsibility for failure in the hands of others whose management, lack of equipment or lack of knowledge, may unconsciously be the cause of non-success.

## ALYSSUM

Family: Cruciferae. Sun and light soil.

**LITTLE GEM.** Dwarf, compact habit; mass of bloom all summer. 3 in. high. Per pkt. 10c; 1/4 oz. 25c.

**LILAC QUEEN.** Pale lilac of dwarf habit. Ht. 3 in. Per pkt. 10c; 1/16 oz. 15c; 1/8 oz. 25c.

**ALYSSUM CARPET OF SNOW** (procumbens). 2 inches. 1/4 oz. 25c; per pkt. 10c.

**SWEET ALYSSUM, MARITIMUM WHITE.** Delightfully fragrant; masses of flowers. Per pkt. 10c; 1/4 oz. 25c.

## ASTER

Family: Compositae. Rich soil; sun.

**CALIFORNIA SUNSHINE.** Lovely colors on long stout stems. Mixture. 2 ft. 1/8 oz. 35c; 1/4 oz. 60c; per pkt. 15c.

**CALIFORNIA GIANT ASTERS.** The finest of all Asters. Like a big Chrysanthemum. 6 inches across, long stems. 2 1/2 ft. In best

**MIXTURE.** Per pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.

**LOS ANGELES.** A glorious double, shell pink aster. A novelty. 2 1/2 ft. Per pkt. 20c; 1/16 oz. 30c.

## CALENDULA (MARIGOLD)

Family: Compositae. Good garden soil; sun.

**DOUBLE ART SHADES.** Novelty from England. Delicate apricots, picotees, orange shades, cream tones; beautiful flowers. Ht. 2 1/2 ft. Per pkt. 15c, 2 for 25c; 1/4 oz. 35c.

**BALL'S ORANGE.** Double orange globular flowers. 2 ft. 1/4 oz. 35c; per pkt. 10c, 3 for 25c.

**CAMPFIRE (SENSATION).** Double brilliant orange with red sheen; an extra fine, lovely Calendula; immense flowers and long stems; height 2 ft. Per pkt. 15c, 2 for 25c; 1/4 oz. 35c.

**CHRYSANTHA.** Novelty, like a Chrysanthemum; clear buttercup yellow, petals incurved; height 2 ft. Per pkt. 10c; 1/4 oz. 25c.

**FINEST MIXTURE** of the best, large flowered long stemmed varieties; a lovely cutting mixture for home use and florists. Per oz. 50c; 1/2 oz. 30c; per pkt. 10c, 3 for 25c.

## CANDYTUFT

Family: Cruciferae. Ordinary soil; sun.

**ROSE CARDINAL.** Brilliant deep rosy-red. 6 in. 1/4 oz. 25c; per pkt. 10c.

**UMBELLATA HYBRIDA NANA.** Dwarf group; fine mixture of colors. 6 in. 1/4 oz. 25c; per pkt. 10c.

**UMBELLATA VARIETIES.** Tall in fine mixture. 1 ft. 1/4 oz. 25c; per pkt. 10c.

**"WHITE EMPRESS".** Giant hyacinth flowered with enormous trusses. 6 in. 1/4 oz. 35c; 1/8 oz. 25c; per pkt. 10c.

**PERENNIAL CANDYTUFT.** See Iberis.

## CLARKIA

Family: Onagraceae. Ordinary soil, not too rich. Sun.

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are excellent for cut flowers; they do well either in sun or shade, growing 2 to 2 1/2 feet high, with leaf racemes of double flowers, which all open in water when cut.

**TALL VARIETIES** with flowers in long loose sprays; 2 ft.

**ENGLISH BRILLIANT MIXTURE.** A selection of the finest double varieties. 1/8 oz. 15c; 1/4 oz. 25c; per pkt. 10c.

**GLORIOUS.** Brilliant crimson-scarlet novelty 1934. 2 1/2 ft. Per pkt. 15c; 1/16 oz. 25c.

**ENCHANTRESS** (Novelty). The finest salmon-pink Clarkia, very large, very double and fine for bedding or cutting. 1/16 oz. 25c; per pkt. 15c.

**FIREBRAND** (Novelty). A new color in Clarkias of extraordinary brilliance, a vivid copper-scarlet, exceedingly effective. 1/16 oz. 25c; per pkt. 15c.

## COSMOS

Family: Compositae. Light soil; sun.

**NEW DOUBLE CRESTED EARLY FLOWERING HYBRIDS.** June to October. 3 ft. Mixed. 1/8 oz. 45c; per pkt. 20c.

**EXTRA EARLY SINGLE MAMMOTH FLOWERING.** Valuable in cooler sections with a short growing season, where the late Cosmos never blooms. 3 ft. Mixture. 1/2 oz. 40c; 1/4 oz. 25c; pkt. 10c.

**KLONDYKE ORANGE FLARE.** Early flowering with lovely orange flowers. A very fine novelty; 4 ft. Seeds germinate unevenly. Per pkt. 15c; 1/16 oz. 25c.



THE SENSATIONAL NEW ANNUAL CORNFLOWER  
"JUBILEE GEM"

## CORNFLOWER "JUBILEE GEM"

A dwarf variety making a compact plant literally covered with flowers. It has a foliage distinct from all other Cornflowers, forming a tufted mass of vivid green, contrasting well with the dark but vivid double blue flowers. The plant is about 12 inches in height. A lovely pot plant, an ideal edging and border plant, a fine cut flower; THE ideal boutonniere, keeping in perfect shape without water for 24 hours. In continuous bloom from early until killed by frosts. Per pkt. 10c, 3 for 25c; 1/8 oz. 40c; 1/4 oz. 75c.

## DELPHINIUM CHINENSE

See under Perennials.

## FLAX-LINUM

Family: Linaceae. Ordinary soil; sun.

**GRANDIFLORUM: CARMINE FLAX.** An appealing real carmine, blooming continually. 1 ft. 1/4 oz. 25c; per pkt. 10c.

## FORGET-ME-NOT

See Myosotis. Perennial.



## GODETIA

Family: **Onagraceae**. Ordinary soil in the sun. Tall varieties with flowers in long loose sprays. Height 18 inches to 2 feet.

**MIXED SEEDS** of Tall Double, 2 ft.  $\frac{1}{8}$  oz. 25c; pkt. 10c.

**DWARF DOUBLE SORTS**. 9 to 10 inches high.

**SWEETHEART**. Like a pink Azalea. Scintillating flowers of the brightest pink; 1 ft. Per pkt. 15c, 2 for 25c;  $\frac{1}{8}$  oz. 35c.

**CRIMSON GLOW**. Intense dazzling crimson; dwarf, compact bushes. 1 ft.  $\frac{1}{4}$  oz. 25c; per pkt. 10c.

**SYBIL SHERWOOD**. Novelty. Very, very fine. 1 ft. Per pkt. 15c;  $\frac{1}{8}$  oz. 30c.

## A NEW LOVELY ANNUAL BORDER EFFECT

Our friend, Dr. Gill, up from Nova Scotia, writes us thus:

"I think I saw in your catalogue you recommend White and Lilac Alyssum as a border. I have found the Lilac does not come very decided in color so the contrast is not satisfactory at times, but I find the most lovely border is the White Annual Alyssum altered with **Lobelia Gracilis** as the Lobelia struggles up through the Alyssum and then falls over, forming a most exquisite blue lace effect and it is always greatly admired by my friends and visitors. If you have not tried it I can strongly recommend it for effect and think you will be very pleased with it."

The seeds of the Annual Alyssum and the Blue Lobelias are priced on pages 8 and 9 respectively.

## GYSOPHILA

### ANNUAL BABY'S BREATH

Family: **Caryophyllaceae**. Common soil; limed.

**ELEGANS**. Grandiflora "Covent Garden". Pure white. 1 ft. 1 oz. 35c;  $\frac{1}{2}$  oz. 20c; per pkt. 10c.

**ELEGANS "CARMINE ROSE"**. A charming variety. 1 ft. 1 oz. 35c;  $\frac{1}{2}$  oz. 20c; per pkt. 10c.

## IBERIS See Candytuft.

## LIMNANTHES

Family: **Polemoniaceae**.

**DOUGLASII**. White and yellow cream cup. A charming flower and a charming plant for the sunny border or the rockery; perfectly hardy and seeds itself every year. Per pkt. 10c;  $\frac{1}{8}$  oz. 25c.

## LOBELIA

Family: **Campanulaceae**. Sunny location.

**CAMBRIDGE BLUE**. A fine edging plant or for baskets. 3 in. Per pkt. 20c.

**GRACILIS**. Light blue; fine for border effects, especially if sown with white annual alyssum. Per pkt. 10c, 3 for 25c;  $\frac{1}{16}$  oz. 30c.

## MYOSOTIS (Forget-me-nots)

See under Perennials.

## NASTURTIUMS

Family: **Tropaeolaceae**. Good soil; sun. Tall or trailing.

**MADAME GUNTHER'S HYBRIDS**. A mixture of brilliant colors. Climbing. 1 oz. 20c; 4 oz. ( $\frac{1}{4}$  lb). 50c; 1 lb. \$1.40; per pkt. 10c.

**"GOLDEN GLEAM."** The sensational novelty of 1932 which took like wildfire all over the world. A double, sweet-scented golden yellow Nasturtium. A most lovely cut flower subject and a bright spot in the garden. Price greatly reduced. 1 oz. 25c; per pkt. 10c.

**GLORIOUS DOUBLE GLEAM HYBRIDS**. Mixed, a wonderful mixture of brilliant colors of double Nasturtiums. Per pkt. 10c; 1 oz. 25c.

**"SCARLET GLEAM."** Fusilier stock from England. Double VIVID ORANGE SCARLET. Highly commended. Per pkt. 15c;  $\frac{1}{2}$  oz. 25c; per oz. 40c.

This **ENGLISH FUSILIER** strain has proved that it is the best **DOUBLE SCARLET SWEET SCENTED NASTURTIUM** of the many strains that are now available. It is the brightest and most vivid of all. The brilliant orange-scarlet flowers with beautifully duplicated petals are of unique beauty.



MARIGOLD. GIGANTEA SUNSET GIANT

## MARIGOLD-TAGETES

Family: **Compositae**. Good garden loam; sun.

**GUINEA GOLD**. Fine novelty.  $2\frac{1}{2}$  ft.  $\frac{1}{8}$  oz. 25c; per pkt. 10c.

**LEMON QUEEN**. 2-3 ft. Per pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**NEW MARIGOLD "DIXIE SUNSHINE"**. Chrysanthemum-flowered type; 100% fully double. Tall bushy growth, rich green foliage; fine stems for cutting; brilliant golden yellow flowers. Winner of Award of Merit. Per pkt. 20c;  $\frac{1}{16}$  oz. 50c.

**NEW MARIGOLD GIGANTEA "SUNSET GIANTS"**. A very, very fine 1937 novelty that has found uniform admiration among gardeners everywhere. Per pkt. 15c (reduced from 25c);  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 45c.

## PANSY

You can't grow super-pansies from cheap seed; finest seed costs money. In order to grow the finest and earliest blooming plants you must sow the seed early in the fall, as soon as obtainable, in cold frames, and raise strong husky seedlings before freezing weather, and then, oh joy! in the spring, what plants you will have. Of course, you can also sow in the spring.

**TRIUMPH OF THE GIANTS**. A magnificent strain, hard to beat. Per pkt. 50c;  $\frac{1}{16}$  oz. \$1.00.

**GOLDEN GATE**. A beautiful monster Golden Yellow with a dark center (Mastodon strain).  $\frac{1}{16}$  oz. 95c; per pkt. 25c and 40c.

**GRAND DUKE MICHEL**. The largest all-white pansy. Prices same as for Golden Gate.

## "Original" Giant Swiss Roggli's Pansy Strain

The World's Most Brilliant Pansy Strain

**ROGGLI'S GIANT PANSIES** surpass all Giant Pansies known up till now and have been much admired on exhibitions where shown and where they gained many first prizes. This pansy strain produces flowers of enormous size—4 to 5 inches—on long vigorous stems which gracefully surmount the healthy foliage. We offer them in the following **SEPARATE** colors, as well as in mixture.

**ROGGLI'S GIANTS "Thuner Sea Blue"**. By far the largest and most magnificent of all blue giant pansies.

**ROGGLI'S NOVELTY "Berna"**. Bright dark violet of velvety texture of enchanting beauty. Giant flowers 4 to 5 inches in diameter with strong, long stems.

**ROGGLI'S GIANTS "Alpengluehn"**. Garnet red, a wonderful bright red novelty; the beauty and brilliancy of this color being of an entirely new tone; flowers are of enormous size.

**ROGGLI'S "Goldelse"**. An immense pure golden yellow.

**ROGGLI'S SPLENDID MIXTURE**.

Seeds of any of the above novelties, separate or in mixture: Per pkt. of about 200 seeds, 50c;  $\frac{1}{2}$  pack 30c;  $\frac{1}{16}$  oz. \$1.00.





ESCHSCHOLTZIA "MONARCH ART SHADES"  
LIKE BEAUTIFUL ROSEBUDS

### Eschscholtzia Double MONARCH ART SHADES

—is entirely distinct from all other types, and has neat feathered foliage, above which the flowers are freely produced.

Each bloom is large, semi-double, and of exquisite formation. The colors range through light rose to deep rose and carmine, and from deep golden yellow through all the varying tones to orange and scarlet. The beauty is enhanced by an almost metallic sheen which gives an effect of brilliance in color and substance of flower never before approached in the Eschscholtzia family.

By all means have some of these beauties in your garden this year, they will be a revelation to you.

**FINEST MIXTURE MONARCH ART SHADES.** Per pkt. 20c;  $\frac{1}{8}$  oz. 50c.

**SPECIAL HYBRID MIXTURE.** Containing soft pink, scarlet, copper red, claret and royal purple, as gorgeous as a Persian rug. Per pkt. 10c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c;  $\frac{1}{2}$  oz. 90c.

Please be specific whether you want the MONARCH ART SHADES or the HYBRID MIXTURE.



DOUBLE CALIFORNIA POPPY "BUTTERCUP"

**DOUBLE "BUTTERCUP".** New. Beautifully fluted double deep buttercup yellow; very lovely; height 1 foot, see photograph. Per pkt. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

### NEMESIA

Family: Scrophulariaceae. Light soil; sun.

**SUTTON'S.** Large flowered in beautiful color. 1 ft. Per pkt. 15c; 2 pkts. 25c.

**HYBRIDUM "BLUE GEM".** Like a lovely forget-me-not, lovely border or pot plant. 6 in. Per pkt. 15c; 2 pkts. 25c.

You miss a lot if you don't grow Nemesias.

### NEMOPHILA

Family: Hydrophyllaceae. Common soil. Prefers damp and shade.

**INSIGNIS (Baby Blue Eye).** A lovely low growing hardy annual. 6 in.  $\frac{1}{2}$  oz. 50c;  $\frac{1}{4}$  oz. 30c; per pkt. 10c.

### THE PROBLEM OF THE EDGING PLANT

For the past two seasons my garden has boasted what has seemed to me the handsomest flower edging I have ever seen, and one which I am afraid is going to be copied next summer in half the gardens of the county. I used an ounce of Alyssum seed of the variety known as "Carpet of Snow" and a quarter ounce of Lilac Queen. The lilac sort grows just enough taller than the white to give the edging a delightful irregularity in height, and the color softens and enlivens the deadness of the white, as used alone, into a pleasing tint, sometimes suggesting a delicate soft gray and again a dainty pink. Toward fall the lilac color grows somewhat stronger than earlier, probably because the colored sort holds out much better than the white.

Innumerable people visit my garden each season, and hardly a garden owner who has seen it recently but has exclaimed over this Alyssum edging and has asked the recipe for it. It will be used again this coming summer and indefinitely until the urge for a change seizes me, and then I suppose I shall turn to Violas or lobelias, for out of all the edging plants I have tried, or seen tried, these three come nearest the standard of perfection. (House Beautiful.)





## BEGONIA FLOWERED ANNUAL POPPY

### POPPY

**ANNUAL DOUBLE SHIRLEY POPPIES.** Begonia flowered; mostly shades of shell and flesh pink, delicate rose and salmon pink of entrancing beauty, like a full blown begonia. Ht. 2½ feet. Choicest mixture. Per pkt. 10c; ⅛ oz., which is great plenty, 25c.

**SHIRLEY POPPY, SINGLE.** 2½ ft. Choicest mixture, ⅛ oz. 20c; per pkt. 10c.

### NEW PHLOX DRUMMONDI

**GIGANTEA ART SHADES.** A new strain of Phlox Drummondii with flowers AN INCH AND A QUARTER TO AN INCH AND A HALF IN DIAMETER. Most wonderful range of color in soft art shades. Per pkt. 15c, 2 for 25c; ⅛ oz. 40c; ¼ oz. 75c; ½ oz. \$1.25.

**GIGANTEA, SALMON GLORY.** 1939 Novelty. The individual flowers are gigantic for Phlox, measuring from 1¼ to 1½ inches in diameter. The color is a pure salmon pink with a distinct creamy-white eye; this combination makes a most beautiful picture in the garden. We consider it one of the outstanding novelties of the year. 1/16 oz. 75c; per pkt. in 2 sizes, 25c and 40c. (See the color plate on inside back cover.)

### PHACELIA

Family: Hydrophyllaceae. Light soil in the sun.

**CAMPANULARIA.** Most beautiful deep blue flowers like a gentian; 6 in. ¼ oz. 35c; per pkt. 15c; 2 pkts. 25c.

### PINKS

See Dianthus.

## PETUNIA MINIATURE

A new strain of dwarf compact Miniature Petunias, 6 inches high, forming neat compact plants 5 to 6 inches high literally smothered with blossoms. Indispensable for borders, window boxes, pots or for bedding.

**PINK GEM.** Winner of Gold Medal. Per pkt. 15c; 1/16 oz. 30c.

**ROSE GEM.** New. Winner of Award of Merit 1936. A rich deep rose, 6 inches high and smothered with rich rose colored blooms. Per pkt. 25c; 1/16 oz. \$1.25.

## PETUNIA BALCONY

Highly suitable for window boxes.

**BLUE.** Rich velvety violet blue.

**BLACK PRINCE.** Deep velvety red.

**BALCONY CHOICE MIXED.** Includes many beautiful colors and the above. Per pkt. 15c; 1/16 oz. 50c.

## PETUNIA RUFFLED GIANTS

With large veined throats.

**RUFFLED MONSTERS.** Choice mixed, only the most desirable colors. Per pkt. 50c; 1/16 oz. \$4.00.

## SALPIGLOSSIS

Family: Solanaceae. Light soil.

**SUTTON'S LARGE FLOWERED CHELSEA HYBRIDS.** Gold veined; velvety-red, rich purple; 2½ ft. All mixed. 1/16 oz. 40c; per pkt. 15c; 2 pkts. 25c.

**NEW EMPEROR STRAIN.** A dwarf strain, attains 2 ft., ideally suited for bedding purposes, being very floriferous and covering the entire head of the plant with beautiful blossoms in scarlet, crimson, brown and gold, violet and gold, and primrose yellow. Excellent for cutting and more easily grown than older strains; very vigorous. In MIXTURE, per pkt. 15c, 2 for 25c; 1/16 oz. 50c.

## SCHIZANTHUS (Butterfly Plant)

Family: Scrophulariaceae. Good soil in the sun.

**DR. BADGER'S HYBRIDS GIANT STRAIN.** Many beautiful shades. Grow this delightful annual, it will please you much. 1 ft. 1/16 oz. 40c; per pkt. 25c.

## HAND-COLORED FLOWER SLIDES FOR GARDEN CLUBS

Over 100 Garden Clubs throughout the states showed our colored Delphinium and flower slides last year; there are some 35 of them in a set, including a little talk on the cultivation of Delphiniums, thrown on the screen and read aloud by the operator; there is also other reading matter, the whole making it a sort of an illustrated lecture. Time required for showing, about 30 to 45 minutes. We have three sets going all the time, and it is well to make application three or four weeks ahead of your meeting. Each club must pay the transportation charges, which average about \$1.50 each way to Eastern points. About \$1 to the Middle West—nearby points much



A NEW STRAIN OF ANNUAL PHLOX, GIGANTEA ART SHADES





### ANNUAL LARKSPUR

Family: Ranunculaceae. Good garden soil; plenty of room.

**GIANT IMPERIAL SECTION.** Tall, upright; height 4 to 5 ft.

**BLUE SPIRE.** Intense deep Oxford blue.

**BLUE BELL.** Azure blue.

**GIANT IMPERIAL "CORAL KING".** An entirely new color in Larkspur—blush pink with a strong suffusion of coral, which deepens and gets richer in color as the flowers mature. Florets are very large, fully double. Magnificent length of Hollyhock-like flowering spikes 24 to 30 inches. Undoubtedly is the most desirable larkspur-color yet produced.

**DAZZLER (New).** Rich scarlet.

**EXQUISITE PINK.** Soft pink shaded salmon. Award of Merit Royal Horticultural Society.

**MISS CALIFORNIA.** Deep pink, shaded salmon.

**WHITE SPIRE.** Dazzling pure white.

**SEEDS** of any of the above **NAMED** varieties. Per pkt. 15c, 2 for 25c; 1/4 oz. 35c; 1/2 oz. 60c.

**GIANT IMPERIAL MIXED.** A well balanced mixture of all the colors. 1/4 oz. 30c; 1/2 oz. 50c; 1 oz. 90c; per pkt. 15c.

**DOUBLE STOCK-FLOWERED, 4 Feet, Branching**

**LA FRANCE.** Pleasing salmon pink.

**ROSY SCARLET.**

**SKY BLUE.**

**ROSAMOND.** An American Gold Medal selection; a very fine thing. Everybody bought it last year; it is cheaper this year.

**SEEDS** of any of the above **DOUBLE STOCK-FLOWERED** varieties: 1/4 oz. 25c; 1/2 oz. 40c; 1 oz. 70c; per pkt. 10c.

**DOUBLE STOCK-FLOWERED MIXED.** 4 ft. 1 oz. 60c; 1/2 oz. 35c; 1/4 oz. 25c; per pkt. 10c.

### STOCKS (Ten Weeks Mammoth Flowered)

Ten Weeks Stocks are so named because they bloom in 10 weeks after planting the seed.

Excellent either for spring or fall sowing, grow to a great size with numerous spikes of bloom. Height 1 ft.

**BEAUTY OF NICE.** Delicate shade of flesh pink, early flowering.

**CANARY YELLOW.** Beautiful clear canary yellow.

**LIGHT BLUE.** A fine light blue.

**NUIT D'ETE (Summer Night).** Rich royal purple; highly commended.

**ROSE OF NICE.** Beautiful rosy-mauve, a distinct and elegant shade.

Seed of any of the above: 1/16 oz. 50c; per pkt. 20c; 1 pkt. each of the 5 varieties, 80c.

**FINEST MIXTURE MAMMOTH.** All colors. 1/16 oz. 50c; pkt. 15c.

**SNOWDRIFT.** Very early flowering and produces many side stems, each thickly set with blooms of pure snowy-white. Award of Merit, R. H. S. 1/16 oz. 90c; per pkt. 25c.

**SPECIAL NOTICE.** A large percentage of **DOUBLES** can be expected but some single blossoms must be expected but these are very lovely and useful for cut flowers.

**STOCK, DOUBLE MAMMOTH BEAUTY OF NICE.** This variety an annual, grows 2 feet high.

**CHOICEST MIXTURE FROM NAMED VARIETIES.** A rich, bright mixture with a high percentage of **DOUBLES**. 1/4 oz. 75c; 1/8 oz. 50c; 1/16 oz. 30c; per pkt. 15c.

**STOCK, SUPER GIANT "IMPERIAL BLUSH PINK"** (Novelty 1939). This type grows 3 feet tall, is base branching; each plant producing 12 to 15 huge flower spikes. The individual flowers measure 2 inches or more in diameter; a beautiful blush pink. 1/16 oz. 50c; per pkt. 20c.



STOCK SUPER GIANT "IMPERIAL BLUSH PINK"

### SWEET WILLIAM

See Dianthus.

### VERBENAS—NEW GIANTS

Family: Verbenaceae. Good garden soil. A glorious new type of Verbenas. The individual blooms measure over an inch in diameter and the plants grow about 12 inches high. Fine for borders, beds, the rock garden or porch boxes, blooming profusely from mid-summer until October.

**GIANT VERBENAS BEST MIXTURE.** 1 ft. 1/2 oz. \$1.50; 1/4 oz. 85c; 1/8 oz. 50c; 1/16 oz. 30c; per pkt. 15c.

### VIRGINIAN STOCK (Malcomia)

Family: Cruciferae. Ordinary soil; sun.

These charming annuals for edgings and beds should be better known.

**MIXED VARIETIES.** Most charming effect. 6 in. 1/2 oz. 25c; per pkt. 10c.



## ZINNIA

Family: Compositae. Rich soil in the sun. Don't plant Zinnia seeds in cold, wet ground; they will merely rot. Wait to mid-May.

**CALIFORNIA GIANT DAHLIA FLOWERED.** The finest of all strains. 2½ ft.

**LUMINOSA.** This is an entirely new shade of Zinnias; a charming shade of bright deep pink with a light suffusion of salmon.

**DESERT GOLD.** Gold and deep yellow.

**EXQUISITE.** Truly dahlia-flowered as regards form and size. A light rose with center a deep rose. Still the leader in the entire collection.

**GOLDEN DAWN.** This beautiful shade of golden yellow comes true to color. A new valuable addition to the collection of Gold Medal Dahlia Flowered Zinnias.

**OLD GOLD.** Its name describes the color very adequately. The flowers are of immense size, possibly the largest of all dahlia-flowered Zinnias. We recommend this variety to all who wish to compete for exhibitions; a small percentage of flowers do not come true to color.

**CRIMSON MONARCH.** The largest and best of the red shades. Flowers often eight inches in diameter. Very vigorous; a marvelous production of greatest merit.

**ORIOLE.** An immense orange and gold bi-color, worthy of the beautiful bird after which it is named.

**ANY OF THE ABOVE "NAMED" VARIETIES,** per pkt. 15c; 2 for 25c; **ANY 3 FOR 35c.** **THE 7 NAMED BEST VARIETIES** for 75c (one pkt. of each, or any seven); ¼ oz. of any named variety (not in mixture) 40c; ½ oz. 75c.

**SPECIAL GOLD MEDAL MIXTURE.** A well-blended mixture containing all the above novelties and several other equally beautiful novelties. ¼ oz. 30c; ½ oz. 50c; 1 oz. 90c; per pkt. 15c, 2 for 25c.

**LILLIPUT or MIGNON ZINNIAS.** Small, button-like, fully double flowers of gorgeous colors. Long stems for cutting and basket work if heavily manured. 1½ ft. In mixture. ½ oz. 50c; ¼ oz. 30c; per pkt. 15c; 2 pkts. 25c.

**ROSEBUD.** A lovely rose-pink; 1½ ft. Per pkt. 15c, 2 for 25c; ½ oz. 60c; ¼ oz. 35c.

**PINK GEM.** Deep pink; prices same as for Rosebud.



ZINNIA FANTASY

## ZINNIA FANTASY MIXED

New chrysanthemum-like Zinnias of a smaller flowering and more graceful appearance than the popular giant flowered varieties. The rounded flowers are composed of a mass of shaggy ray-like petals which give a delicate and refined appearance to the medium sized double flowers. (See photograph.) The color ranges from the brightest shades of reds and orange to the popular pastel pinks and beautiful creams.

Seeds: ¼ oz. 65c; ½ oz. 35c; per pkt. 15c.



A BASKET OF POMPON DAHLIAS

## SOME OF THE MOST ATTRACTIVE POMPON DAHLIAS

They ask so little and give so much. Little or no staking is required, there is constant bloom, and that splendid quality, long life as a cut flower. They are delightful little guests in the house.

Many people say they have no room for Dahlias, but the Pompons take up so little, and are a very valuable flower for the small garden, providing bloom when there is a dearth of such. We want to convert you to like, at least, this kind of Dahlia. We are sure you will be delighted with the darling Pompons.

**AIMEE.** A lovely small bronze.

**AMBER QUEEN.** Golden amber and orange.

**BRONZE BEAUTY.** Beautiful golden apricot; a free bloomer good for cutting, as all pompons are.

**CATHERINE.** A clear canary yellow.

**ELIZABETH.** New, golden yellow edged brownish red.

**GIRLIE.** Mauve pink.

**JOE FETTE.** A splendid pure white.

**LITTLE DAVID.** New small orange scarlet.

**VIVID.** Brightest scarlet; bush dwarf.

**TOM THUMB.** A very small rich red.

**COLLECTION:** These 11 lovely Pompon Dahlias (Graefin Anna not included) for \$2.25 postpaid. The regular list price of these 11 is \$2.75. Or any six, your choice, \$1.25 postpaid. Less than six, each 25c.

**GRAEFIN ANNA VON SCHWERING** (Novelty). A dainty, beautifully shaped flower of an exquisite shell pink. Price each 50c. Tubers are small.

Please note that the tubers of most of the pompon dahlias are small, much smaller than the ordinary dahlias. Customers complain sometimes of tubers being so small.

**WARNING!** Do not send currency in your letters unless registered. We are not liable for your money lost in the mails, and certainly can not afford to make up your loss, either in money or seeds, or plants. If you must send currency have your letter registered, or send money order, or checks, or drafts. And don't forget to sign your name and full address to your orders. Every season we receive orders that have no name or address attached, often without a return address on the envelope and we have no possible way to identify such orders and can not fill them, and then people wonder why they don't receive their orders, and blame us for their own mistakes.



## SECTION 3

# Select List of Hardy Perennial Plants

## SUCCESS WITH PERENNIALS

The chain of success with perennials is made up of the following links. The chain is no stronger than its weakest link. Lack of successful perennial planting will result when any one link fails.

1. Prepare the soil deeply and thoroughly. Remember that a perennial bed must remain for some years.

2. Use plenty of fertilizer. A complete fertilizer or bone meal will result in strong plants and abundant flowers.

3. Arrange the plants so that they are suited to the space allotted to them; put the tallest ones at the back, using such sorts as may be depended upon for a good foliage background. Let some of the taller sorts extend toward the front, especially in the wider parts of the bed or border. This avoids monotony and gives interest. Provide for choice edging plants which are compact in growth.

4. Select plants which produce an abundance of bloom throughout a long season for the main stand-bys of the border. Tuck a few choice or lesser known sorts in the spaces between the dependables.

5. Choose colors with care. Avoid the close association of the various shades and tints of the different reds, combining the scarlets, oranges and salmons together, but not near the crimsons, magentas and lavender-rose colors. Use white flowers to separate doubtful colors; but do not use white too abundantly.

6. Be sure to buy Bordeaux Mixture in March, so that you are prepared to start spraying Peonies, Phlox, Hollyhocks and Delphiniums early. Spray the plants and the soil as soon as growing starts, and repeat every week. Use according to directions on the can in which the Bordeaux Mixture is purchased.

7. Have arsenate of lead and nicotine extract on hand. Use a spray or dust of arsenate of lead for all insects or caterpillars which chew holes in the leaves. Use nicotine sulphate or tobacco extract for the various plant lice, aphids or other sucking mouth-part insects. With the latter class it will be necessary to hit the insects with the spray.

8. Cultivate the soil between the plants so that there is a constant layer of loose soil about them. This will help to eliminate the need for watering perennials.

9. Transplant each sort when it becomes greatly crowded, or seems to be ill-adapted to the location. Most sorts can be divided into several pieces to increase the number of plants.

10. Give the plants a protection for winter.

**NO PLANT ORDERS ARE SOLICITED FOR LESS THAN ONE DOLLAR UNLESS YOU ADD 25c FOR HANDLING CHARGES AND POSTAGE**

### SPECIAL NOTICE

Seeds and all Unbloomed Seedlings, though offered in Separate Colors, must be accepted as from mother plants only of the colors indicated, with no warranty, expressed or implied, that the progeny will be constant to the parent colors.

### PLEASE DO NOTE

The proportion of true color shades may vary from 85% to 95%, the balance being recessive types of earlier parentage. If you must have exact color lines, named sorts (from cuttings or division) alone are absolutely reliable.

### ATTENTION! IMPORTANT NOTICE. READ IT!

Always add 10% to the total amount of your plant and bulb order, if you want them sent by mail postpaid, to cover packing and postal charges, except where quoted as "postpaid". IF YOU DON'T DO IT YOUR PLANTS WILL BE SENT BY EXPRESS, charges collect. At our low prices we can not afford to pay parcel post charges to Eastern points at the rate of 15c per lb. and 25c for 2 pounds. It is best to send perishable plants by express, anyway; they travel faster and much safer. Each parcel is handled individually and not stuffed into a canvas sack. It is especially important in the Spring, when the plants are full of rising sap and the weather liable to turn warm any day. If they must go by mail it is advisable to mail them by "SPECIAL HANDLING". It costs 10c per pound up to 2 pounds, and 15c over that, which kindly add to your remittance if you want them sent that way.

**NO PLANT ORDERS ARE FILLED FOR LESS THAN \$1, UNLESS YOU ADD 25c FOR HANDLING AND PACKING CHARGES AND POSTAGE PAID.**

(And you must not count your seed and bulb orders as plants and add them to the total of your order; plants are handled separately and packed and mailed separately from the seeds and bulbs.)

**No Shipment of Plants After March 20th**  
(Except Small Seedlings up to May)

Please note that owing to our mild winters plant life here awakens so early in this Puget Sound country that it is inadvisable to make shipments of DELPHINIUMS, AQUILEGIA, LUPINE, and BLEEDING HEART after March 20th, except to nearby states.

## AJUGA

**A. REPTANS.** Forms a close carpet 2 to 3 inches high of richly bronzed purple leaves; it has creeping stems, rooting at every joint. Flowers are like a mint and blue; an excellent evergreen; beautiful in winter. It forms a good ground cover for damp or shaded positions where grass will not thrive. Situation, sun or light shade; soil, any, not dry. A good rock plant. Per dozen \$2.50; each 25c.

## ANEMONE

**PULSATILLA.** The Pasque Flower. Large flowers varying in color from deep lavender to violet purple, filled with golden yellow stamens on 12-inch stems. Any situation and soil, but appreciates some lime. One of the first spring flowers. The seed heads are very beautiful and silky and ornamental. Large plants that should be planted early in the spring (or fall). Each 35c.

**No plant orders are solicited for less than one dollar, unless you add 25c extra for handling charges and postage.**

## AQUILEGIA—COLUMBINE SEEDLINGS

**BLUE KING.** Long spurred, a beautiful clear blue.

**PINK SHADES.** Long spurred.

**SNOW QUEEN.** With extra long spurs.

**DOBBIE'S LONG SPURRED IMPERIAL HYBRIDS** in wonderful pastel colors in mixture only.

**PRICE** for any of the above by the dozen lot only of each variety (not less than a dozen of any variety sold), per doz. 75c, postpaid; 3 doz. for \$2.00 (different colors). Large plants, 15c and 25c each.

**BLUE ROCKY MOUNTAIN COLUMBINE.** If grown well under right conditions it is probably the handsomest of all. Large long-spurred sky-blue flowers with white petals. We secure our seeds from plants grown high up in the Colorado mountains assuring vigor and purity of color. Requires moist peaty soil and light shade. In its wild state it is often found along the banks of streams. **Seedlings, 75c per doz.** No reduction in quantity. Advanced larger seedlings at \$1.50 per dozen.

**CRIMSON STAR.** A bright crimson long-spurred variety; the long spurs are a rich crimson and the center is white tinged carmine. The flowers measure 3 inches in diameter and are borne on graceful erect 2-foot stems. There will be a few rogues amongst the seedlings. Really a sensational Columbine. **Seedlings, 75c per doz.** Advanced large seedlings, \$1.50 per doz.

**SCABIOSA CAUCASICA HOUSE'S STRAIN.** If you have never grown the charming perennial Scabiosa, you have certainly missed a lovely garden flower. Blooms when quite small in lovely shades of blue on long stems. An excellent cut flower. **Plants, 15c and 25c each; \$1.50 and \$2.50 per dozen.** Plant in the sun, in not too rich soil and give the plants a dressing of lime; they will not grow in wet soil.

## ASTERS—PERENNIALS; MICHAELMAS DAISIES

### SPRING DELIVERY ONLY

**IMPORTANT.** For the finest display and largest flowers you **MUST** transplant and divide these asters every spring—only 2 or 3 roots to the hill. If you neglect doing this your flowers will be only mediocre and you will miss the finest display of these lovely flowers.

**READ:** In the early stages of growth, watch out for the red lice. Spray with a strong tobacco solution or any good lice powder; keep it up two or three times during the heat of the day when the air is still and they won't trouble any more.

**LITTLE PINK LADY.** Surely you can't pass this charming little lady by, even so you have no use for Michaelmas Daisies. For years we have grown over a dozen of the best varieties, offering them to the garden public at small prices and every year the sales have fallen off until we finally had to give up the ground to some more profitable crop. But we couldn't discard the **LITTLE PINK LADY**. A most beautiful pure pink, the plants smothered with the large single starry blossoms with their bright yellow centers. Height only 18 inches, in neat compact growth, altogether charming. Plants are sold in the spring of the year only. **25c each, 6 for \$1.25, postpaid.**

**KING GEORGE.** The best, by far, of all dwarf perennial Asters. Height 24 in. Glorious hortense violet flowers of huge size in great and prolonged profusion in the late summer. Good for the rockery or the perennial border. Strong plants in the spring, only 25c and 35c each.

## ASTILBE (Spirea)

Beautiful hardy garden perennials with large flower trusses; prefer rich, moist soil. Most attractive in the garden and a fine cut flower.

**A. PINK PEARL.** A delicate salmon-pink. Height about 3 feet with attractive foliage. A beautiful attractive hardy plant for any garden; they also force well indoors. Strong blooming size plants, each 45c.



## CYNOGLOSSUM

**C. NERVOSUM.** A very fine novelty. One of the true blue perennials of recent introduction. Award of Merit Royal Horticultural Society. Like a miniature anchusa, 12 to 18 inches high with handsome brilliant blue flowers in great profusion. Blooming size roots, 25c each; largest size, 40c. **BABY SEEDLINGS**, 75c per dozen.

## DELPHINIUMS

### PUDOR'S PRIZE WINNER STRAIN

For Spring Delivery from February on (weather permitting) to April 1st.

**EXTRA SELECTED PLANTS OUR SELECTION.** We cannot promise certain colors when plants are dormant in the Spring, but the plants were specially marked when in bloom last Summer for their fine points and good quality. Prices, \$1.00, \$1.50 and \$2.50 each. We advise express shipments, charges collect.

**SMALL CLUMPLETS AND SEEDLINGS.** All clumplets and our so-called advanced seedlings have already bloomed last fall and they will make large clumps in your garden this summer. They will produce 4 to 6 and more blooming stalks this summer.

**ADVANCED SEEDLINGS.** Pudor's Prize Winner Strain from our best seeds at \$1.60 per doz., postpaid to states West of the Rocky Mts., except Southwestern states, and \$1.70 per doz., postpaid East of the Rocky Mts. and Southwestern states that are located West of the Rocky Mts.

**CLUMPLETS** that will make a fine display this summer, \$2.90 per doz., postpaid West of the Rocky Mts., except Southwestern states located West of the Rocky Mts., or **SIX** for 1.65, postpaid to these sections; 3 for 85c (not less sold). East of the Rocky Mts. and all Southwestern states (Southern California, Arizona, New Mexico and Texas) \$3.00 per doz., prepaid; **SIX** for \$1.75, postage paid; 3 for 90c, delivered (not less sold).

If you want your plants mailed "Special Handling" add 15c per doz., or 10c for 6 and less. If you want them sent by Express (the safest and quickest way) charges collect, we will give you credit for the postage and send extra plants.

**BABY SEEDLINGS.** We sell tens of thousands; these are from our best seeds sown last fall. They will bloom late this summer and our experience for years has proven that they ship well and give great satisfaction to our customers, but they have to be handled and treated as just what they are, "Baby Seedlings". Sometimes there are some losses, but we always give liberal count to make up for a few losses. Price 85c per dozen, postpaid. No reduction for quantity and the supply is not large this Spring. 10c extra for Special Handling.

**BLACKMORE & LANGDON STRAIN.** Producing magnificent tall plants in dark and light shades. We can sell you only the mixture.

**LARGER ADVANCED SEEDLINGS.** \$1.65 per dozen, postpaid to states West of the Rocky Mountains (except Southwestern states) and \$1.70 per dozen, postpaid, East of the Rocky Mountains and Southwestern states located West of the Rocky Mountains (Arizona, Texas, and Southern California). Special handling, 15c extra.

**CLUMPLETS**, which are larger than the advanced seedlings with at least 4 eyes or sprouts, \$2.50 and \$3.00 per dozen; 25c and 30c each; not less than 3 sold. Six are NOT one-half of the dozen price. Special handling extra—15c per 12; 10c for 6.

**BABY SEEDLINGS** can be supplied from either strain: Pudor's Prize Winner or Blackmore and Langdon. 85c per dozen. All will bloom this fall.

**WHITE BABY SEEDLINGS.** All will bloom this fall. There will be a small percentage of blue amongst these, as they don't breed true. \$1.15 per dozen; 2 dozen for \$2.10. Includes special handling by mail. Ready in the late spring.

NO ADVANCED WHITE SEEDLINGS FOR SALE.

**WHITE DELPHINIUM CLUMPS.** Guaranteed to produce fine double WHITE flowers. Strong 2-year-old divisions, \$1.00, \$1.50 and \$2.50 per clump. Here **QUALITY** counts, not the size of the clump. We might send you a very large clump for one dollar, and a much smaller one for \$2.50. By the way, the white hybrids grow slower than the blues; sometimes it takes three years to get an established big clump that will produce a dozen or more beautiful white spikes.

**BABY SEEDLINGS** from our famous 55 66 "Mother of Pearl" strain, described in full under Delphinium seeds page ... We sowed some seed outside in the late fall; they germinated well just before the cold weather set in and if they don't winter-kill, we will have them for sale at 80c per dozen, the last part of April. Some of our finest plants come from this strain and customer-correspondents have been raving over these plants for the last few years. Large double light and dark blues, violets and beautiful intermediate shades with a few beautiful whites now and then. **JUST IN CASE WE CAN'T MAKE DELIVERY THIS SPRING**, please name a substitute or we will send the seedling early next fall.

## BELLA DONNA DELPHINIUMS

These do not grow as tall as the hybrids but are much easier to grow; they will thrive in localities where the tall hybrids are a failure or die of diseases, and are charming for cut flowers.

**NO SMALL SEEDLINGS** of these this spring. Only **ADVANCED SEEDLINGS** and **SMALL CLUMPLETS** at 15c and 25c each; 1 doz. for \$1.50 and \$2.50, postpaid. Special handling 10c and 15c extra. These prices apply to either variety.

**PUDOR'S SAPPHIRE.** The most beautiful sapphire blue (with about 10% rogues of a light azure blue). We think this Bella Donna Delphinium, a chance seedlings discovered in our fields three years ago, the most beautiful color of all Bella Donnas we have grown.

**BELLA MOSUM IMPROVED.** A rich dark blue; wonderful color. Of course, all these seedlings and larger plants will bloom profusely in your garden this summer.

## GYPHOPHILA (Baby's Breath)

**GYPHOPHILA "BRISTOL FAIRY".** The finest, largest and double Baby's Breath; hardy perennial. Large roots that will produce immense flower heads that you can sell throughout the summer as cut flowers. Mammoth roots, \$1.00 each, postpaid; smaller roots, 45c.

**GYPHOPHILA PACIFICA.** A new pink Baby Breath of the small Paniculata type. Strong plants, 15c each 2 for 25c; large, 25c per clump.

**GYPHOPHILA OLDHAMIANA.** A new perennial Baby Breath with soft pink flowers blooming in the fall of marvelous keeping quality; a grand addition to the perennial border and excellent for cutting purposes. Seedlings, 3 for 25c; large, 15c and 25c each. Plants entirely hardy.

**GYPHOPHILAS** do best in rather dry places and not too rich soil, and like plenty of lime.

## GERMAN or BEARDED IRIS

They are not sold during the spring of the year, as at that time the single rhizomes that were set out in July and August are now large clumps with an increase of 4 to 6 small plants on each plant. These small plants will make the rhizomes sold singly in the late summer. You can readily see that no grower could afford to sell you an Iris plant in the spring of the year, unless he would sell you a very small baby-shoot which would not blossom the first season, or a whole big clump, which he could not afford to do.

**OUR 1939 IRIS CATALOG** will be mailed to all customers of record in June. **WE HAVE ADDED MANY NEW VARIETIES** to our already large list and we will offer them for sale for **JULY, AUGUST and SEPTEMBER** delivery at most reasonable prices, considering the highest quality of our stock.

## JAPANESE IRIS SEEDS

These Irises are very easily raised from seeds and, unlike German Iris seeds, they germinate well and quickly. Fall-sown seeds will give you nice plants by spring and some of these will bloom the second autumn; all will bloom the second year. Spring-sown seeds will give you large blooming sized clumps the following year. Raising these beautiful Iris seeds, never knowing what wonderful prizes you will draw, is a most charming and fascinating garden game. If you have never raised Japanese Iris, try it by all means.

Best Selected Seeds, ¼ oz. 35c; oz. \$1.00; pkt. 15c.

## JAPANESE IRIS CULTURE

Reginald Farrer says that there is nothing in the garden like Japanese Iris for arrogance, subtlety and sheer insolence of beauty. This is precisely the effect conveyed when one sees Japanese Irises in large masses. When a few plants are found on the banks of a stream, they have more of piquancy and less of boldness. They are the most striking flowers of July, and not so difficult to grow as the average gardener supposes.

**JAPANESE IRISES** will thrive in any part of the United States; they are hardy and much more beautiful than the Germanica group. If you have never grown them, you have missed a lot. They are fine for cut flowers. You can plant them in the early spring or in the fall with equal success.

**FOR SPRING DELIVERY** (We can ship Japanese Iris until the 1st of May).





A DOUBLE JAPANESE IRIS (Pudor Seedling)

### JAPANESE IRIS

"Those Japanese Irises you sent me last year are the most gorgeously beautiful things we have ever had in our garden. I want five more dozen." Thus writes a customer.

No. 60. A 3-petaled pale lavender with deep purple veining; very beautiful. 50c.

#### JAPANESE NAMED VARIETIES

**BEYA.** A large beautiful, stunning flower. Pale lavender blotched and veined deeper purple, getting bluer towards the center with bright clear yellow radiating centers; petaloids white edged purple. Single (3 petals). Each 50c.

**HAVASU.** A rich dark purple-blue; 6 petals. Each 50c.

**KOMACHI.** (Sgl.) Deep dark velvety blue, with very small deep orange bars covered by blue style arms. Each 50c.

**NASIR KEHL.** A large rich purple single (3 petals) with a radiating golden center. Free bloomer. Each 50c.

**THAIS.** A rich maroon self color, with narrow yellow bars radiating from the center covered with solid purple petaloid stigmas. Indeed a very handsome flower. 6 petals. Each 50c.

**KASUGANO** (Double Flower). Delicate red-lilac with lilac halo surrounding yellow blotches and radiating out into feathers and pencilings; petaloid stigmas violet, stained gray; 6 petals. An exquisite flower. Clump 75c.

**KUMO-NO-OBI** (Single). Dark lavender purple, white halo surrounding the yellow blotches and radiating into strong white lines; large standards same colors, petaloid stigmas white tipped and bordered lilac; a handsome flower; 3 petals. Clump 50c.

**MORNING MISTS.** This is the largest Japanese Iris; immense white crinkled creped petals with the slightest bluish tint. Small clumps, 2 fans, 75c.

**MATA HARI** (Eye of the Morning). We listed this two or three years ago, as Pudor's PINK BEAUTY. It is one of Mr. Pudor's outstanding seedlings. Some years ago, when that well known English painter of flowers, Miss Edith Walker, was in this country, she selected this iris as her favorite and painted a beautiful water color of it. We have now again a small stock of it, and offer it at \$1.00, as long as the supply lasts. The color is a most delicate blush pink. You can't go wrong on these two outstanding varieties, MORNING MISTS and MATA HARI.

**WHAT YOU GET FOR YOUR MONEY!** A strong blooming size clump of at least two so-called "fans"; this is equal to two plants; each fan should bloom. If you will pay the express charges which are not high (2nd class) we will send you larger clumps—at least three fans to each clump, depending somewhat upon rarity of the variety.

### LUPINS

**GENUINE RUSSELL LUPINS.** Baby seedlings from last fall's sowing. Not ready before last of April or first part of May; while these seedlings are small ALL WILL BLOOM within 3 months from the time you get them, and will make big clumps in another year. In mixture only. We obtained these seeds direct from Mr. Russell in England and buying these seedlings you will get some of his marvelous creations. We advise to buy at least six seedlings; you might be disappointed with only one or two. Price, 15c each; not less than 6 sold. Our supply this spring will be very limited; first come first served. May we suggest that you name some other substitute in plants, bulbs or seeds in order to avoid the trouble and expense to return your money, in case we are sold out when your order reaches us?

**NEW MODERN ENGLISH NAMED VARIETIES LUPIN BABY SEEDLINGS** in mixed art shades of amber, deep pink, orange, apricot, ruby crimson, rosy-red, from a magnificent collection. (These are NOT the Russell Lupins.) Not ready before last of April or first of May; while we call these Baby Seedlings, which they are, all will bloom within three months from the time you plant them. Per doz. 75c; 3 doz. for \$2.00, postpaid. Special handling 10c extra. All subject to previous sale.

THE ABOVE ARE NOT THE RUSSELL LUPIN STRAIN but are also very, very fine.

#### IF YOU HAVE FAILED WITH LUPINS—

The reason probably has been the absence of nitrogen in your soil. Lupins belong to the family of Legumes and need nitrogen to form the nodules on their roots; even the small seedlings have them from the beginning. If they don't make the nodules, they will remain measly specimens and finally die. Therefore inoculate your seed before sowing with NOD-O-GEN, a pure culture of Nodule Bacteria. Ten cents' worth is sufficient for a pack of seeds. For our customers' benefit and to save them trouble and expense, we inoculate all our Lupin seeds before we send them out. No guarantee of any sort is attached to this; if you still fail with Lupins it is not our fault, nor the seeds or plants; we will not replace them and you will be the loser.



RUSSELL LUPINS

### NEW DOUBLE PYRETHRUMS (Persian Daisy)

The Finest New Perennial Introduced in Years!

We have found these three new varieties of this popular hardy perennial to be very profitable cut flower and garden subjects for the florist. Blooming in this latitude for Decoration Day, the flowers find a ready market at profitable prices. As garden subjects, nothing can surpass these new sorts. The abundantly produced flowers are very double with stems averaging fifteen to eighteen inches in length. The remarkable substance of the flowers makes them highly desirable.

Field grown plants, 35c each.

☛ Three distinct varieties.

Buckeye—Deep carmine.

Miami Queen—Deep rose-pink.

Trojan—Dark carmine. This is the first to bloom.



**ORIENTAL POPPIES (True Perennials)**

For Summer Delivery—Not Sold in Spring.

For brilliant colors, nothing equals the Oriental Poppy during their flowering period, May and June. Often they blossom again in the fall.

Breeders have succeeded in creating colors never dreamed of, such as "Golden Orange" (Gold of Ophir), "Coral Pink" (Pink Radiance), "Pure White" (Perry's Whites), "Carmine Pink" (Wunderkind) and many other shades.

They should be planted during July and August with the German Iris, when they are dormant, and if moved then they will thrive. If planted in the spring when growth is active, they will sulk for a long time. **SO REMEMBER, PLANT THEM IN THE LATE SUMMER.** They like full sun and good soil.

All of our plants are propagated from root cuttings of the parent plant and are true to name. **THEY ARE NOT SEEDLINGS.**

**WHAT TO BUY?** We have too many new named varieties—dozens of new seedlings are coming annually into commerce and are listed by their only distinctive feature which is their name.

We are listing below a few of the best and most outstanding colors, and we assure our customers buying these modern hybrid poppies that they will not be disappointed.

**MRS. PERRY.** An old favorite: a lovely salmon pink. 35c each, 3 for \$1.00.

**BARR'S WHITE.** A clear white with satiny finish, on strong 30-inch stems. Each 90c.

**PERRY'S WHITE.** Satin white with maroon blotches at the base of petals. 35c each.

**PINK RADIANCE.** An outstanding color—a deep cherry-pink. One of the finest. 60c each.

**PURITY (New).** Considered by many to be the finest of all PINK POPPIES. The color is a pure soft pink without any spots or markings. 75c each.

**REMBRANDT.** A magnificent orange-scarlet: most gorgeous of all. A great beauty. 35c each.

**WUNDERKIND.** A super poppy—a gem of gems, of a color that defies description—a cerise, or a brilliant carmine pink with a 10-inch flower on a strong 3-foot stem. Does not fade in the sun, but remains attractive throughout its life. It does not produce pollen, consequently no seeds. \$1.00 each.

Note that we do not sell Oriental Poppies in the spring of the year; they are apt to sulk for the rest of the summer. **AUGUST** and **SEPTEMBER** are the two best months for planting.

**RUDBECKIA (Cone Flower)**

**R. MAXIMA.** A rare and attractive variety, growing here in our garden 6 to 8 feet tall, with large glaucous leaves and bright golden yellow flowers, 4 to 6 inches across, with a green cone an inch or more high; in profuse flower during September. Plants, 25c each; \$2.50 per doz.

**SCABIOSA—PINCUSHION FLOWER**

**SCABIOSA CAUCASICA.** The beautiful, most satisfying, ever-blooming Perennial Scabious. We think that next to the delphinium it is the finest perennial growing. Lovely blue and lavender shades; can be supplied in an assortment of colors only; please do not specify colors. **NO SEEDLINGS THIS SPRING.** Prefers a rather dry location.

Advanced Seedlings that will bloom profusely, \$1.60 per dozen. Postage paid to states West of the Rocky Mts., except extreme Southern California, Arizona, New Mexico and Texas—there and to states East of the Rocky Mts., \$1.70 postage paid. 1/2 dozen 85c.

Small Clumps, that will develop this summer into large clumps covered with blooms throughout the season until killed by frosts, West of the Rocky Mts., except Southern California, Arizona, New Mexico and Texas, 3 for 85c, postpaid (not less sold). But you must make up your one dollar plant order. Six for \$1.50 and \$2.65 per doz. These same small clumps East of the Rocky Mts., Texas, Arizona, New Mexico and Texas, 3 for 90c, postpaid, 6 for \$1.65, postage paid, and \$2.80 per dozen, delivered to your door. Special Handling extra.

**STRAWBERRY PLANTS**

We have discontinued the growing and selling of these plants.

**PHYSOSTEGIA VIRGINICA**

A valuable addition among autumn flowering perennials, and very desirable for the rock garden or front row of the herbaceous border. The height is about 18 inches, forming a sturdy and compact habit of growth, producing a profusion of short well-furnished stems of brilliant rosy-crimson flowers. Although not commonly grown, Physotegia is coming into favor because of its marvelous beauty and its long blossoming period, which closes the season after other plants have gone by.

**PHYSO. "VIVID".** A lovely rosy pink; blooms during September and October. Roots, 25c each, \$2.00 per doz.

**VIRGINICA ROSEA.** Forms large clumps 3 to 4 feet high, bearing long spikes of delicate pink flowers in July and August. Price 15c and 25c per root, according to size.



PHYSOSTEGIA VIRGINICA

**TROLLIUS (Globe Flower)**

**EUROPEAN GLOBE FLOWER.** Large, handsome globular flowers of a rich golden yellow or orange color. Blooms last of May and early June and often again during October into November. Whole CLUMPS that will make a beautiful showing the first season, 50c each. Divided plants that will bloom, 35c each.

**LEDEBOURI "GOLDEN QUEEN".** A very fine novelty. Award of Merit, Royal Horticultural Society, London. It is a valuable garden plant and continues in bloom from June till October; in fact, we cut flowers outside as late as November.

This variety is very vigorous; it grows quite three feet in height, but its chief value lies in the size of the flowers, which are four inches across; the rich golden color of the outer petals and the intense orange color of the smaller petals near the center of the flower intermix and blend beautifully with the yellow anthers. The plant is extremely floriferous and continues in flower for a long period; in fact, the constancy with which it blooms in autumn as well as early summer is very remarkable. Strong blooming size plants, 40c each; no smaller plants in stock.

**VIOLA PLANTS**

**JERSEY JEWEL.** Deep violet color, large blossoms on long stems. A lovely border plant and exquisite cut flower. Likes half shade. Strong plants, 25c each. Small divisions that will bloom next summer, 75c per dozen. (Not less sold at this price.) \$3.00 for 50.

**MAGGIE MOTT.** At last we can offer you plants of this delightful viola which came from the true original Maggie Mott, in England—**NOT SEEDLINGS**—largest flowers of a solid heliotrope-blue, deliciously fragrant. Strong plants, 35c each, 6 for \$2.00. No smaller plants, neither large clumps, offered of this variety. It should be noted that these Violas are very hardy and, when once planted, are good for at least three years. They are, indeed, much finer the second and third years than during the first, and therefore should be planted where it is possible to leave them undisturbed for that length of time.



# AUNT MARY'S SWEET CORN

Originated in Ohio, it is supposed to have been given to some person named "Aunt Mary" by the Indians, and handed down through the family for many years and was again put on the market two or three years ago by a Mr. Bonnewitz. It is taking the country by storm and not enough praise can be given it.

Never was sweet corn that tasted as sweet. It will stay in good condition for table use for two or three weeks. It stays in milk so long that natural ripening is impossible; ears that were ready for table use in September were still in milk when hard frosts killed the plants.

You can make early sowing, mid-season sowing and late planting, throughout the entire season and can have your sweet corn into October; the late plantings contain even a higher percentage of sugar than the early plantings.

BY ALL MEANS GIVE THIS SWEET CORN A TRIAL THIS YEAR AND YOU WILL COME BACK FOR MORE NEXT YEAR. Make your first planting during May—two weeks apart; make another one the second week in June, another the last week in June, and the last planting the first week in July and this will furnish you sweet green ears in early October.

**PRICES:** Per pack of approx. 125 kernels, 20c. Per pkg. of approx. 250 kernels, 30c.  $\frac{1}{4}$  pound will produce approx. 500 plants and costs 50c. All postage paid. **SPECIAL PRICE** per pound; ask for it.

## ORNAMENTAL INDIAN SQUAW CORN

Delightful, decorative for porch or fireplace.

**COLORS:** Red, black, yellow, blue, purple and orange kernels.

$\frac{1}{2}$  oz. 10c; 1 oz. 15c;  $\frac{1}{4}$  lb. 30c;  $\frac{1}{2}$  lb. 50c.

## ORNAMENTAL GOURDS

Annual Climber, 6-10 ft.

Rapid growing with ornamental foliage and interesting and odd-shaped fruit. It is becoming very popular for table and window decorations at Thanksgiving and Christmas.

**Small Sorts Mixed.** Contains only the most desirable and colorful small-fruited kinds. Pkt. 10c;  $\frac{1}{4}$  oz. 20c;  $\frac{1}{2}$  oz. 30c; per oz. 50c.

**Large Sorts Mixed.** All large-fruited kinds, such as Dipper, Calabash, Giant Bottle, etc. Prices same as above.



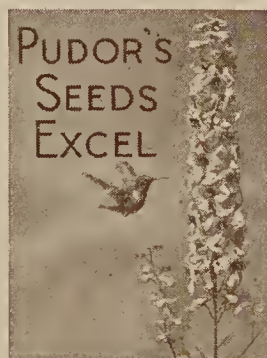
INDIAN CORN AND GOURDS

## A Special Request to New Customers.

We are making a special request that each one who receives this catalog send us an order, even if only for 25 cents, which is a little more than the cost of this catalog. Thank you.

We are so sure our stock will please you that if we can only induce you to give us a trial order, we believe we will get a good share of your future orders. We realize there is no advertisement like a satisfied customer.

We are looking for new customers all the time and we will do our very best to satisfy you.



From a Photograph

## GET THIS VALUABLE BOOKLET!

Missouri Botanical Garden Bulletin, entitled  
"GROWING PLANTS FROM SEEDS"

Handsomely illustrated with 29 photographs, showing the whole process of sowing seeds to the transplanting of the seedlings. It is by far the best bulletin on the subject we have ever seen. Through the courtesy of the Botanical Garden, we were given special permission to reprint this bulletin. Price 15c. Ask for it. It is sent free with all seed orders amounting to \$1.50 or more, if asked for with the order; mind **SEED ORDER ONLY**, this does mean that you can't count up and add the amount of your bulb or plant order to your small seed order, and call it a dollar and a half's worth.

**Brooklyn Botanical Gardens Leaflets.** Concise, valuable hints on The Planting and Cultivation of Annuals. Ask for Bulletin No. 6. Starting Perennials from Seed. Ask for Bulletin No. 7.

Five cents each—Be sure and give the number you want. Free with all seed orders amounting to \$1.00 up, if asked for with the order, but NOT with plant or bulb orders. Otherwise mailed for 5c each bulletin.

# Spring and Summer Bulbs

## TIGRIDIA PAVONIA—GRANDIFLORA

Tiger Flower or Shell Flower from Mexico

No flowering bulbs give more richly colored or beautiful flowers. Highly recommended for greenhouse decoration. Pot up as soon as received and plunge in cold frame, withholding water until the foliage appears, then giving it sparingly at first. Bulbs for outdoor planting in colder climates should be stored during the winter in soil or peat, not quite dry, away from frost until March, and then be planted in sunny positions in the flower-border or in beds in sunny positions in well-drained soil, the bulbs being surrounded with sand.

Beds of Tigridias make a gorgeous picture during July, August and September and should find a place in all gardens. The flowers are formed by three broad petals extending from a central cup. The bulb is of about the same habit and hardness as the Gladiolus. In mild climates they can, however, be left undisturbed for years and can stand a small amount of frost.

The Ladies' Home Journal recently had an illustrated article about these attractive flowers from which we quote:

"This brilliant silken triangle unfolds from its long slender bud and bursts into sharply contrasting tints of fire, leaping from bright yellow to molten orange and vivid scarlets, and is eagerly sought as a rare but sturdy garden novelty."

**No. 1 TOP SIZE BULBS**, the only size we sell that will produce many flowers to each bulb. Red, Yellow, Orange, separate, 2 for 25c; 6 for 65c; \$1.25 per dozen, postpaid. Per hundred \$8.50, prepaid.

**MIXED.** Red, yellow and orange. Per hundred \$7.75; \$1.00 per dozen, postpaid.

**NEW RARE COLORS:** WHITE, DEEP ROSE and LIGHT PINK. 15c each, 6 for 80c; per doz. \$1.50, all postpaid. Stock of these new colors is very limited.

No plant orders are solicited for less than one dollar, unless you add 25c extra for handling charges and postage.



# Unwin's English Mignon or Charm Dahlias

ONE OF THE FINEST FLORAL INTRODUCTIONS  
OF THIS DECADE

(Special Re-selected Stock)

In this new race are combined the best qualities of Coltness Gem and the Charm type. In the main, the form of flower is semi-double (see photo) but a few single and fully doubles are produced. The hybrids are very precocious, blooming 3 to 3½ months from the time of sowing. They are extraordinarily free, the blooms being thrown up on strong stems well above the foliage. Rarely exceeding 24 inches in height, they do not require stakes, and may be planted as closely as 18 to 20 inches apart. Given the same treatment, they are easier to raise from seeds than Asters or Stocks. We believe the color range to be wider than in any other type of Dahlia.

These hybrids are the outcome of 10 years' scientific hybridization and selection, and are far and away the finest type of Dwarf Dahlias in commerce. Continuous drastic re-selection has vastly improved the strain we now offer on the original strain.

¼ oz. \$1.50; ½ oz. (over 500 seeds) 75c; 1/16 oz. (over 250 seeds) 50c; per pkt. of about 75 seeds, 25c.



PHOTO OF EARLHAM'S NEW HYBRID MONTBRETIAS,  
"HIS MAJESTY"

**UNWIN'S HYBRID CHARM DAHLIAS.** Delightful Mignon Dahlias; beautiful single and semi-double dwarf Dahlias; good keepers and charming for bouquets or house decoration. Five different varieties for \$1.50, prepaid; \$2.90 per doz. (all different) prepaid; each 35c.

All our Mignon Charm Dahlias make excellent cut flowers for house decoration, lasting for many days. In this they differ from the ordinary dahlias.

Please, bear in mind that the tubers of these Mignon or Charm dahlias are small, much smaller than the ordinary dahlias. Customers complain sometimes about the tubers being so small.

**LITTLE PINK LADY.** A charming semi-double light pink Mignon Dahlia with fluted petals with yellow center. Height 15 inches. Three tubers for \$1.00; each 35c.

**CARMENCITA.** A beautiful rich brilliant carmen; a profuse bloomer. Height 2 ft. 40c each.

The above two Mignon Dahlias were selected from out of dozens of different varieties, as the best colors and the prettiest flowers.

## EARLHAM LARGE FLOWERED HYBRID MONTBRETIAS

These are the magnificent new Montbretias which have attracted so much attention the last year or two at the Royal Horticultural Society's shows in late summer and during autumn and gained the Gold Medal. They are a completely new race of flowers, the result of hybridization successfully carried out by the late Mr. Sydney Morris of Earlham Hall, Norwich. They represent an enormous advance over the ordinary Montbretias in commerce, being much taller and more robust in growth, and having flowers of great size and beauty, some measuring 3 to 4 or more inches in diameter. These Montbretias make first class border plants and are of great decorative value for cutting.

Montbretias are of easy culture, preferring a light loamy soil well enriched with leaf mold, but no manure or chemical fertilizer should touch the roots. A little bonemeal can be used and a light dressing of lime may prove beneficial. The moisture supply should be good and they thrive in the partial shade of borders or shrubbery as well as in full sunlight. If planted in the fall, mulch lightly with peat or litter but not manure.

In severe climates, spring planting is best and they can be given the same treatment as Gladiolus.

**HIS MAJESTY.** A glorious variety, flowers measuring 4 inches or more across; very broad-petalled; deep velvety scarlet shading down to gold; reverse of petals dark crimson shading down to gold; height 4½ feet; the largest flowered of all Montbretias. First Class Certificate, R. H. S. and Glasgow. 25c each.

**JAMES COEY.** Flowers very large and open, of perfect form, with smooth broad petals; rich deep vermilion scarlet with golden-orange luster; center yellow with crimson blotches; very handsome; height 3½ feet. Award of Merit, Haarlem and R. H. S. 20c each, \$2.00 doz.

**UNA.** Flowers rich apricot with carmine blotch; a well shaped flower of good substance; height 2½ feet. Award of Merit, R. H. S. 15c each, \$1.50 doz.

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